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(Prelims & Mains)

Practice Tests

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IBPS CLERK

(Prelims & Mains)

Practice Tests

IBPS Clerk (Prelims & Mains) Practice Tests

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PREFACE

The book in your hands has been authored to provide adequate test practice and exposure specifically to wannabe Bank clerks. The book is the outcome of 10-year teaching experience of **TCYOnline.com** in Bank Exam Test Prep. Though these mocks serve the immediate purpose of IBPS Bank Clerk candidates, these are equally suitable for SBI Clerk candidates since the test structure and level is very similar in the two cases. There are greater number of tests for Preliminary Exam since the concept of Prelims is new for banking sector. The sectional division and the concepts tested are in line with those laid down in the latest notifications. Though there is a judicious mix of questions, of various challenge levels, as expected in the exam, a conscious effort has been made to keep the overall challenge level just a shade above that expected in the exam, so that practice of these tests makes the real exams a cakewalk. It will be ideal if the mock tests are attempted under timed conditions, i.e. 1 hour for Prelims Mocks and 2 hours 20 minutes for Mains Mocks. Answers and detailed solutions have been provided for conceptual clarity so that the aspirants could be sure of their approach to attempt similar questions in the actual exam.

Take unlimited number of Mock Tests for various Banking Exams during the 7-day free period allowed through the unique access code provided for each copy of this book. Along with these simulated tests, **TCYonline.com** provides **Analytics** at the conclusion of each test, telling the test takers where they stand and what they need to do next to succeed.

Please send your feedback and/or inputs to info@tcyonline.com

EXAM Strategy

Choose your answers carefully as $\frac{1}{4}^{\text{th}}$ marks will be deducted for every incorrect answer. It means that for every 4 incorrect answers, you risk losing about 1 mark from your total score.

Always maintain your calm. Answer questions quickly but not in panic. Panicking about a situation will make you forget even what you already know.

Tips to Score Better



Try to gauge your performance by attempting timed tests in order to find your own balance of number of attempts and number of correct answers (accuracy) to get maximum score.

First, attempt the questions whose answers you know. Don't waste much time on any question. You can always come back to these questions after answering others, provided they are from the same section.

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Mock Test (Prelims)

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English Language (30 Questions)

Directions for Questions 1 – 10: Read the passage given below and answer the following questions.

The Sultan of Persia was a clever man and well read. And there was nothing he loved more than solving problems, puzzles, riddles. One day, he received a parcel; he knew not from whom. He opened that package and found a box. And when he opened the lid of the box, inside it were three most beautifully carved wooden dolls. He picked them up one by one and admired the craftsmanship, and then saw that there was a note in the box as well...

'Tell these three dolls apart.'

'Ah, a challenge,' thought the Sultan. '...to tell these three dolls apart!'

He picked up the first doll and examined it. The features of the face were beautifully carved, the clothes of silk so brightly patterned.

He picked up the second. It was identical, even the grain of the wood; and the third, the same again.

'These three dolls are identical.'

Now he examined further: 'They look the same, perhaps they will not smell the same.'

As he sniffed at each one, the smell of sandalwood greeted his nostrils. 'These are finely made, beautiful dolls.'

He took the first doll and now thought, 'Perhaps it is hollow.' He shook the doll next to his ear... No, it was solid. And the second doll too, and the third. They were alike in everything, even their weight.

The court had gathered. They watched the Sultan who was now mystified. He called forth the wisest man he knew: the Scholar. The Scholar who knew everything that was to be known, the Scholar who spent so many hours in the library.

The Scholar looked at each doll in turn: felt them, weighed them, shook them, but could find no difference. He walked away silently.

Now, through the doors of the throne-room, burst the Fool. He tumbled and saw the three dolls, picked them up and began to juggle with them... 'ha ha!' And then became bored, put them down and left.

Well the Scholar could find no difference, neither could the Fool. But now stepped forward the Storyteller.

'Can you tell these three dolls apart?'

The Storyteller picked up the first doll and examined it carefully, and then suddenly reached forward and plucked a straight hair from the Sultan's beard. He inserted the end of the hair into the ear of the first doll. It went further and further into the head of the doll, until it disappeared completely. 'Hummm,' said the storyteller. 'This doll is like the Scholar: everything he hears goes in and is retained inside.'

Now, the Storyteller reached forward and plucked a second hair from the Sultan's beard before he could be stopped. He put that hair into the ear of the second doll. The hair disappeared slowly inside as the Sultan watched, and then appeared on the other side of the head, emerging out of the other ear. It came right through.

'Why,' said the Storyteller, 'this doll is like the Fool. Everything he hears goes in one ear and out the other.'

Before the Sultan could stop him, a third hair had been plucked from his chin... 'Ow!'

The Storyteller inserted the third straight hair from the Sultan's beard into the ear of the third doll. It went further and further in. The Sultan watched to see where it would come out. Did it come out?

It came out through the pursed lips of the third doll. But when it came out, the Storyteller saw that there was a twist in it. 'Why, this doll is the Storyteller. What he hears goes in, and then it gets retold with a small twist. For every storyteller changes the story just a little to make it his own.'

- Which of these is an appropriate title for the passage?
(A) The Twisted Teller
(B) The Curious Sultan
(C) The Cunning Storyteller
(D) The Three Dolls
(E) The Clever Sultan
- Which of these best describes the storyteller?
(A) The storyteller is deceptive.
(B) The storyteller is cunning.
(C) The storyteller is imaginative.
(D) The storyteller is dishonest.
(E) The storyteller is crooked.
- After failing to tell the dolls apart, how did the Sultan feel?
(A) The Sultan was puzzled.
(B) The Sultan was happy.
(C) The Sultan was sad.
(D) The Sultan was angry.
(E) The Sultan was anxious.
- Which of these methods was not used by the Sultan to tell the dolls apart?
(A) The Sultan shook them.
(B) The Sultan examined them.
(C) The Sultan passed a hair through their ear.
(D) The Sultan smelled them.
(E) The Sultan consulted others.

5. Which of these is an antonym for 'plucked'?
- (A) Planted (B) Harvested
(C) Flowered (D) Kept
(E) Cut
6. Which of the following words means the same as 'identical'?
- (A) Indistinguishable (B) Distinct
(C) Similar (D) Different
(E) Unique
7. Which of the following words means the same as 'pursed'?
- (A) Loose (B) Shut
(C) Start (D) Covered
(E) Open
8. Which of the following words means the opposite of 'retained'?
- (A) Continue (B) Begin
(C) Lose (D) Keep
(E) Elevate
9. Which of the following words is a synonym for 'examined'?
- (A) Fumbled (B) Inspected
(C) Neglect (D) Regard
(E) Consider
10. Which of the following words is a synonym for 'greeted'?
- (A) Knocked (B) Pestered
(C) Welcomed (D) Created
(E) Smelled

Directions for Questions 11 – 15: Read the following passage having some numbered blanks. Choose the best option to fill the numbered blanks to complete the passage.

For forty years, Anny had been awakened daily by an alarm clock; so it was one pre-retirement tool she happily __11__. It felt so good lying __12__ bed after eight in the morning, especially when there was thunder and rain outside! Normal bedtime hours were no __13__ strictly obeyed. Her working day was shortened. Her energy levels started falling lower and lower as time passed. Now, she spent most of her free time inside the house by __14__, gradually disengaging herself from old acquaintances or ex-colleagues with whom, she realised, she didn't have __15__ in common anymore.

11. (A) discarded (B) damaged
(C) disposed (D) kept
(E) threw
12. (A) in (B) inside
(C) under (D) over
(E) above

13. (A) further than (B) additionally
(C) completely (D) farther
(E) longer
14. (A) himself (B) self
(C) herself (D) itself
(E) None of these
15. (A) nothing (B) anything
(C) something (D) everything
(E) all

Directions for Questions 16 – 20: In each question below, a sentence with four words printed in bold is given. These are labelled as (A), (B), (C) and (D). One of these four words printed in bold may be either wrongly spelt or inappropriate in the context of the sentence. Find out the word which is wrongly spelt or inappropriate, if any. The letter of that word is your answer. If all the words printed in bold are correctly spelt and also appropriate in the context of the sentence, mark (E), i.e. 'All correct' as your answer

16. He also argued **that** the delay in the project **were** mainly due to the **restriction** on construction activities **by** the government.
(A) that (B) were
(C) restriction (D) by
(E) All correct
17. There cannot **be** worse news **for** a state **which** is considered the food **ball** of India.
(A) be (B) for
(C) which (D) ball
(E) All correct
18. You **are** not looking at **weather** common people are **going** to benefit from this **or** not.
(A) are (B) weather
(C) going (D) or
(E) All correct
19. While several parts of the country are **reeling** under severe **drought** conditions caused by two **successive** subnormal monsoons, other parts of the country **are** facing floods.
(A) reeling (B) drought
(C) successive (D) are
(E) All correct
20. He had been **sent** by his firm to Gujarat to **oversee** an engineering project; she had for the first time in her young life **stepped** out of her home town, where she had been **raising** in an old, secluded neighbourhood until her wedding day.
(A) sent (B) oversee
(C) stepped (D) raising
(E) All correct

Directions for Questions 21 – 25: Each of the following sentences tests your ability to recognise grammar and usage errors. The sentence contains either a single error or no error at all. The sentence does not contain more than one error. The error, if there is one, is lettered. If the sentence contains an error, select the lettered part that must be changed to make the sentence correct. If the sentence is correct, select (E). In choosing your answer, follow the requirements of standard written English.

21. (A) I had always wanted to
(B) be like my mother since
(C) childhood – one who believes of
(D) hard work and dedication
(E) No error
22. (A) The depletion
(B) of potable water
(C) globally has reached
(D) alarmed levels
(E) No error
23. (A) These days the widespread use
(B) of social media has created the situations
(C) where news gets picked up and then
(D) twisted messages are circulated on
Facebook or Whatsapp
(E) No error
24. (A) Orange is loaded with
(B) nutrients and is one
(C) of the richest sources of Vitamin C
(D) who is important in collagen production
(E) No error
25. (A) Simple changes for your
(B) house can make a big difference
(C) to your physical, mental, emotional

- (D) as well as spiritual well-being
(E) No error

Directions for Questions 26 – 30: Rearrange the following six sentences 1, 2, 3, 4, 5 and 6 in the proper sequence to form a meaningful paragraph; and then answer the questions given below them.

1. He bent down to drink water.
2. A stag was thirsty.
3. When he saw his horns, he felt proud of them.
4. He saw his reflection in it.
5. He went to a pond to drink water.
6. The pond water was calm and clear.
26. Which of the following should be the SECOND sentence after rearrangement?
(A) 4 (B) 5 (C) 1
(D) 2 (E) 3
27. Which of the following should be the FIRST sentence after rearrangement?
(A) 2 (B) 1 (C) 4
(D) 6 (E) 5
28. Which of the following should be the FIFTH sentence after rearrangement?
(A) 1 (B) 5 (C) 4
(D) 2 (E) 3
29. Which of the following should be the SIXTH (LAST) sentence after rearrangement?
(A) 1 (B) 2 (C) 3
(E) 4 (E) 5
30. Which of the following should be the FOURTH sentence after rearrangement?
(A) 2 (B) 1 (C) 3
(D) 5 (E) 6

Numerical Ability (35 Questions)

Directions for Questions 31 – 35: What value will come in place of the question mark (?) in the following questions?

31. $59.687\% \text{ of } 235.643 + 81.019\% \text{ of } 249.853 - 254.632 = ?$
(A) 85.444 (B) 86.444
(C) 87.444 (D) 88.444
(E) 89.444
32. $\sqrt{\sqrt{3600} + \sqrt{441}} = (?)^2$
(A) 81 (B) 3
(C) 6561 (D) 9
(E) None of these

33. $126 \div 14 \times (9)^2 - 53 = (?)^2$
(A) 26 (B) $\sqrt{26}$ (C) -729
(D) 27 (E) None of these
34. $92 \times 576 \div (2\sqrt{1296}) = (?)^3 + \sqrt{49}$
(A) 3 (B) $(9)^2$ (C) 9
(D) 27 (E) None of these
35. $\frac{74 \times 4 + 18 \times 3}{\sqrt{441} \times 5 + 139} = ?$
(A) $\frac{1}{4}$ (B) $\frac{1}{2}$ (C) $\frac{2}{3}$
(D) $\frac{1}{3}$ (E) None of these

Directions for Questions 36 – 40: What approximate value should come in place of '?' in the following questions?

36. $4896 - 3219 + 7843 - 3888 = 21 \times ?$
 (A) 250 (B) 270 (C) 280
 (D) 290 (E) 300
37. $62\% \text{ of } 525 - 34\% \text{ of } 310 = ?$
 (A) 210 (B) 215 (C) 220
 (D) 225 (E) 230
38. $4.03 \times 7.82 + 51.2 \times 3.06 = ?$
 (A) 185 (B) 195 (C) 200
 (D) 175 (E) 170
39. $(49.99)^2 - (8.9)^2 - (15.9)^2 = ?$
 (A) 2165 (B) 2000
 (C) 1965 (D) 1920
 (E) 1885
40. $\frac{340}{20.002} \div \frac{29.997}{510} \times \frac{179.909}{59.919} = ?$
 (A) 760 (B) 800 (C) 690
 (D) 870 (E) 780

Directions for Questions 41 – 45: Find the next term of the series.

41. 6, 10, 11, 15, 17, 21, 24, ____
 (A) 24 (B) 28 (C) 32
 (D) 36 (E) 40
42. 11, 16, 26, 41, 61, 86, ____
 (A) 118 (B) 121 (C) 126
 (D) 116 (E) 151
43. 857, 855, 851, 843, 827, 795, ____
 (A) 731 (B) 733 (C) 735
 (D) 737 (E) 739
44. 589, 559, 499, 409, 289, 139, ____
 (A) 79 (B) 49 (C) 19
 (D) -11 (E) -41
45. 22, 165, 2475, 55687.5, ____
 (A) 1670625 (B) 1670650
 (C) 1670675 (D) 1670700
 (E) 1670725
46. Two vessels A and B contain mixtures of milk and water in the ratios 1 : 4 and 5 : 3, respectively. If these mixtures are to be remixed to form a new mixture containing half milk and half water, in what ratio should they be mixed?
 (A) 2 : 5 (B) 12 : 5
 (C) 5 : 12 (D) 7 : 3
 (E) None of these

47. If on a marked price, the difference of selling prices with a discount of 30% and two successive discounts of 20% and 10% is Rs. 144, then what is the marked price?
 (A) Rs. 205.71 (B) Rs. 7200
 (C) Rs. 205.24 (D) Rs. 7300
 (E) Rs. 720
48. There are two types of vinegar solution. Type A contains 25% of vinegar and another type B contains 30% of vinegar. A container is filled with 6 parts of type A and 4 parts of type B. Find the percentage of vinegar in the new mixture.
 (A) 20% (B) 25%
 (C) 24% (D) 27%
 (E) 30%
49. The wholesale price of a 16 kg fully automatic washing machine is Rs. 15000. The retailer set the price of the 16 kg fully automatic washing machine 60% more than the wholesale cost. If the machine is sold at 20% less than the retailer's price, then it was sold for what percent more than its wholesale cost?
 (A) 20% (B) 28%
 (C) 36% (D) 40%
 (E) 42%
50. A sum of Rs. 5000 at CI becomes double in 5 years. In 20 years, it will become
 (A) Rs. 1,00,000 (B) Rs. 80,000
 (C) Rs. 50,000 (D) Rs. 20,000
 (E) Rs. 23,000
51. The ratio of the costs of a chair and a table is 33.33%. If the cost of table is increased by 10% and the ratio decreases by 3.33%, what is the percentage increase/decrease in the cost of chair?
 (A) 1% increase (B) 1% decrease
 (C) 1.1% increase (D) 1.1% decrease
 (E) None of these
52. A restaurant has an average of 510 visitors on Sunday and 240 on other days. The average number of visitors per day in a month of 30 days beginning with Sunday is
 (A) 285 (B) 325
 (C) 276 (D) 278.57
 (E) None of these
53. A grocer buys two kinds of rice at Rs. 1.90 per kg and Rs. 1.10 per kg. In what proportion should these be mixed, so that by selling the mixture at Rs. 1.56 per kg, 20% may be gained?
 (A) 2 : 3 (B) 1 : 3
 (C) 1 : 2 (D) 1 : 4
 (E) 1 : 5

54. Mr. Anil invested a certain sum of money in a scheme for two years. He receives compound interest of Rs. 756 and simple interest of Rs. 720. What will be the rate of percentage, if the sum is invested in such a way that simple interest becomes Rs. 900 and total number of years is equal to rate percentage per annum?
(A) 4 (B) 5 (C) 6
(D) 8 (E) 9
55. The average age of 8 men is increased by 2 years when two of them with ages 21 and 23 years are replaced by two new men. The average age of the two new men is
(A) 30 (B) 26 (C) 22
(D) 44 (E) None of these
56. Vidya bought a cup for Rs. 80 after getting $66\frac{2}{3}\%$ rebate on the printed price. What was the printed price?
(A) Rs. 120 (B) Rs. 140
(C) Rs. 180 (D) Rs. 240
(E) Cannot be determined
57. In a primary school, there were initially 10 teachers. If two teachers with ages 40 years and 34 years left the school, the average age of rest of the teachers is reduced by 2. What was the average age of 10 teachers?
(A) 42 (B) 38 (C) 29
(D) 27 (E) 34
58. For construction of a site, proposals were given to companies A and B. If both companies are working together, they can complete the construction in 1 day less than the time taken by company B alone. If company A can complete the construction in 12 days alone, in how many days can both companies complete the construction when working together?
(A) 4 days (B) 2 days
(C) 3 days (D) 7 days
(E) 8 days
59. Two pipes A and B are connected with a tank, where pipe A is inlet pipe and pipe B is outlet pipe. Pipe A can fill the tank in 5 hours and pipe B can empty the tank in 6 hours. Initially, the tank was completely filled, pipe B was opened at 8:30 am and at 10 am, pipe A was opened and was closed at 11:15 am. When will this tank be completely empty?
(A) 3:30 pm (B) 12:30 pm
(C) 4 pm (D) 1:20 pm
(E) 11:30 am

60. Two friends H and Q started a business, investing in the ratio 5 : 6. R joined them after six months by investing an amount equal to that of Q's. At the end of the year, 20% profit was earned, which was equal to Rs. 98000. What was the amount (in Rs.) invested by R?
(A) 105000 (B) 175000
(C) 210000 (D) Data inadequate
(E) None of these

Directions for Questions 61 – 65: The questions are based on the following table.

REFRIGERATORS (165 LITRES) – MARKET SHARES: 1998-99 (1000 numbers)			
	Production	Installed Capacity	Sales as % of Production
Godrej	451	600	88
Kelvinator	340	700	104
Allwyn	10	235	60
Voltas	143	235	92
Videocon	36	500	77
BPL	–	500	–

61. Which company had the highest sales-to-installed capacity ratio in 1998-99?
(A) Godrej (B) Kelvinator
(C) Voltas (D) Videocon
(E) None of these
62. What are the total sales as a percentage of production in 1998-99 for all companies together?
(A) 82 (B) 93 (C) 53
(D) 46 (E) None of these
63. What are the total sales of 165 litre refrigerators as a percentage of installed capacity in 1998-99?
(A) 93 (B) 40 (C) 33
(D) 29 (E) None of these
64. The least number of refrigerators that Kelvinator must have had in stock at the beginning of 1998-99 was
(A) 13,600
(B) 28,000
(C) 12,600
(D) Cannot be determined
(E) None of these
65. If Godrej had 35,000 refrigerators in stock at the beginning of 1998-99, what will be the stock at the end of 1998-99 with Godrej?
(A) 19,120 (B) 1,07,000
(C) 1,84,000 (D) 89,120
(E) None of these

Reasoning Ability (35 Questions)

Directions for Questions 66 – 67: In a code language, 'db gh pt er' means 'he is playing cricket', 'gh pq rt' means 'he sells bats' and 'pt ab cd' means 'I like cricket'.

66. Which code words are respectively used for the words 'he' and 'cricket' in that language?
(A) 'gh' and 'dp' (B) 'pt' and 'dp'
(C) 'gh' and 'pt' (D) 'pt' and 'gh'
(E) 'dp' and 'gh'
67. Which code word(s) is/are used for the word 'playing'?
(A) 'er' and 'pt' (B) 'pt'
(C) 'db' or 'er' (D) 'db'
(E) 'er'
68. Pointing to Pinky, Pinku said, 'She is the daughter of my grandmother's only daughter.' How is Pinku related to Pinky?
(A) Son (B) Husband
(C) Nephew (D) Brother
(E) Cannot be determined
69. A is the son of the grandfather of C, who is the sister of a boy D. What is the relation between A and D?
(A) Brothers
(B) Father and son
(C) Father and daughter
(D) Son and mother
(E) Grandmother and grandson
70. Gurpreet walks 5 km East, turns left and walks 8 km. He again takes a turn towards right, walks 2 km and stops. In which direction from his starting point is he standing now?
(A) North-East (B) South-East
(C) West (D) East
(E) North

Directions for Questions 71 – 75: Study the following information carefully and answer the following questions.

A, B, C, D and E are sitting on a bench. A is sitting next to B and C is sitting next to D. D is not sitting with E, who is sitting on the left end of the bench. C is at the second position from the right. A is to the right of B and E. A and C are sitting together.

71. Who is sitting at the right end of the bench?
(A) A (B) B (C) E
(D) D (E) C
72. What is the position of C with respect to D?
(A) Immediate right
(B) Immediate left

- (C) Two places to the right
(D) Cannot be determined
(E) None of these

73. Which of the following pairs represents neighbours?
(A) BC (B) DA (C) BA
(D) EA (E) ED
74. What is the position of A with respect to E?
(A) Immediate right
(B) Immediate left
(C) Second to the right
(D) Second to the left
(E) Cannot be determined
75. How many persons are sitting between E and D?
(A) 0 (B) 1 (C) 2
(D) 3 (E) Cannot be determined

Directions for Questions 76 – 80: Read the information and answer the given questions.

A rangoli was made by girls. All girls are sitting in a circle with different coloured dress facing the centre. Their dress colours are **red, white, blue, purple, pink, orange, black and green**. The blue one is second to the right of the pink one, but is not next to the green one. The red one is third to the left of the green one, but is not next to the blue one. The orange one is second to the right of the white one, and fourth to the left of black one. The blue one and the black one are neighbours.

76. The girl with dress of which colour is to the immediate right of the purple one?
(A) Red (B) Green
(C) Black (D) Pink
(E) Orange
77. The girl with dress of which colour is in between black and white ones?
(A) Blue (B) Purple
(C) Pink (D) Red
(E) Orange
78. The girl with dress of which colour is exactly opposite to the girl in the red one?
(A) White (B) Orange
(C) Pink (D) Green
(E) Purple
79. The girl with dress of which colour is sitting second to the left of the pink one?
(A) Blue (B) Purple
(C) Green (D) Orange
(E) White

80. Find the odd one out.
 (A) Orange, Red (B) Green, Purple
 (C) Blue, White (D) Green, Orange
 (E) None of these

Directions for Questions 81 – 85: Read the given information to answer the questions that follow.

In a family of six persons: O, P, Q, R, S and T, there are three men and three women. They are lawyer, doctor, teacher, manager, engineer and accountant. There are two married couples. Two persons are unmarried. S, the doctor, is the mother-in-law of O, who is the wife of Q. R is the father of T and he is not the lawyer or the accountant. P, the engineer, is the sister of T, who is the manager. Q is not the accountant.

81. How many sons does S have?
 (A) Four (B) Three
 (C) Two (D) One
 (E) None of these
82. Who among the following is the lawyer?
 (A) Q
 (B) R
 (C) O
 (D) Cannot be determined
 (E) None of these
83. How is T related to S?
 (A) Daughter
 (B) Brother
 (C) Son
 (D) Cannot be determined
 (E) None of these
84. Which of the following pairs represents a married couple?
 (A) R and P (B) R and S
 (C) P and T (D) S and T
 (E) None of these
85. What is the profession of O?
 (A) Lawyer (B) Engineer
 (C) Teacher (D) Accountant
 (E) None of these

Directions for Questions 86 – 89: The following questions are based on the five three-digit numbers given below:

832 719 654 967 481

86. If the positions of the second and the third digits within each number are interchanged, which of the following will be the sum of the first and the second digits of the third highest number?
 (A) 16 (B) 10 (C) 9
 (D) 15 (E) None of these

87. Which of the following is the sum of the first and the third digits of the second lowest number?
 (A) 16 (B) 10 (C) 18
 (D) 5 (E) None of these
88. If the positions of the first and the second digits within each number are interchanged, which of the following will be the difference between the highest number and the second highest number?
 (A) 203 (B) 133 (C) 385
 (D) 182 (E) 144
89. If the positions of the first and the third digits within each number are interchanged, which of the following will be the sum of the second and third digits of the lowest number?
 (A) 8 (B) 11 (C) 15
 (D) 12 (E) None of these
90. A is 8th from the left end and B is 19th from the right end in a row of boys. If there are eighteen boys between A and B, how many boys are there in the row?
 (A) 42 (B) 44 (C) 46
 (D) 45 (E) None of these

Directions for Questions 91 – 92: Each of the following items consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements is sufficient to answer the question.

Mark your answer as

- (A) if the data in statement I alone is sufficient to answer the question, while the data in statement II alone is not sufficient to answer the question.
 (B) if the data in statement II alone is sufficient to answer the question, while the data in statement I alone is not sufficient to answer the question.
 (C) if the data either in statement I alone or in statement II alone is sufficient to answer the question.
 (D) if the data given in both the statements I and II together is not sufficient to answer the question.
 (E) if the data in both the statements I and II together is necessary to answer the question.

91. On which day of the week is Arun's birthday?
 I. Arun's brother correctly remembers that Arun's birthday is after Wednesday but before Sunday.
 II. Arun's sister correctly remembers that Arun's birthday is before Friday.
92. How is 'go' written in a certain code language?
 I. 'ja ho na' means 'go home now'.
 II. 'pa ta ho' means 'come home later'.

Directions for Questions 93 – 94: Study the following arrangement and answer the given questions.

S D G 6 J Q 7 4 H M K L 1 O U 9 3 Z R

93. Which of the following is the odd one out based on the above arrangement?
 (A) MKHL (B) OU19
 (C) 3Z9R (D) 6JG7
 (E) Q7J4
94. How many numbers are followed by a vowel and preceded by a consonant?
 (A) 0 (B) 1 (C) 2
 (D) 3 (E) 4
95. Complete the following series:
 G, H, J, M, Q, ____
 (A) R (B) T (C) U
 (D) V (E) W

Directions for Question 96 – 99: In the following questions, the symbols #, %, © @ and \$ are used with different meanings as follows:

‘A \$ B’ means ‘A is smaller than B’.
 ‘A # B’ means ‘A is not smaller than B’.
 ‘A % B’ means ‘A is neither smaller than nor greater than B’.
 ‘A © B’ means ‘A is greater than B’.
 ‘A @ B’ means ‘A is not greater than B’.

In each of the following questions, assuming the given statements to be true, find out which of the two conclusions I and II given below them is/are **definitely true**. Mark your answer as (A), (B), (C), (D) or (E).

96. **Statements:**
 A # B, B © C, C % D
Conclusions:
 I. A © C
 II. A % D
 (A) if only conclusion I is true
 (B) if only conclusion II is true
 (C) if either conclusion I or conclusion II is true

- (D) if neither conclusion I nor conclusion II is true
 (E) if both conclusions I and II are true

97. **Statements:**
 A \$ B, B @ C, C © D
Conclusions:
 I. A © D
 II. B \$ D
 (A) if only conclusion I is true
 (B) if only conclusion II is true
 (C) if either conclusion I or conclusion II is true
 (D) if neither conclusion I nor conclusion II is true
 (E) if both conclusions I and II are true

98. **Statements:**
 M \$ N, N % O, O @ P
Conclusions:
 I. N % P
 II. N \$ P
 (A) if only conclusion I is true
 (B) if only conclusion II is true
 (C) if either conclusion I or conclusion II is true
 (D) if neither conclusion I nor conclusion II is true
 (E) if both conclusions I and II are true

99. **Statements:**
 A © B, B \$ C, C # D
Conclusions:
 I. A # D
 II. A # C
 (A) if only conclusion I is true
 (B) if only conclusion II is true
 (C) if either conclusion I or conclusion II is true
 (D) if neither conclusion I nor conclusion II is true
 (E) if both conclusions I and II are true

100. Which of the following words will be fifth in the sequence according to the English dictionary?
 (A) Adamant (B) Aloof
 (C) Amicable (D) Apathetic
 (E) Alarm

IBPS Clerical (Prelims) Mock Test – 2

English Language (30 Questions)

Directions for Questions 1 – 10: Read the passage given below and answer the following questions.

Once upon a time, there was a farmer called Ah Niu. Ah Niu was not a rich farmer but he was very happy. He worked in the fields with his only cow from dawn until dusk. This provided Ah Niu with vegetables to eat and supplementary income through some crops which he would sell to the local villagers on market day so that he might buy other foods.

Ah Niu and his cow worked very hard, but they were contented with their simple life and they did not complain as they had everything they needed.

But one particular year, everything changed. The rains did not come and the farm land began to dry up and turn to dust. Because there was no rain, the crops did not grow and Ah Niu had nothing to sell to the villagers, and therefore, no money to buy food.

The poor farmer became very hungry and was forced to sell everything he had inside his little house in exchange for food so that he could feed himself and his beloved cow. Ah Niu hoped for the rains to come so that he might return to the fields and resume work.

Several months passed and there was still no rain. The crops did not grow and Ah Niu and his cow grew more and more hungry. There was nothing left to sell and so there was no food to eat.

Eventually, Ah Niu could bear the starvation no longer. The farmer turned to his cow and said, 'I am very sorry but I am afraid that I might have to eat you.'

The cow looked at Ah Niu and tears started to roll down from its wide eyes. When Ah Niu saw the tears, he became very upset and felt guilt that he had even suggested eating his faithful cow. He threw his arms around the cow, 'I am so sorry. I will never suggest such a thing again. Will you please forgive me?'

The cow nodded and was very relieved not to be eaten.

Suddenly it began to rain and the lands turned from dust to rich soil. The crops began to grow and it was not long before Ah Niu and his faithful cow were back in the fields once more.

When harvest time came around, Ah Niu and his cow were very busy and worked from dawn until dusk in the fields. They had more crops than ever before and were elated again. They gathered the crops and went into the village, where they sold their produce to the people gathered in the market. This gave them money to buy food so that they were no longer hungry.

From that day on, Ah Niu promised that he would never eat beef because his cow was sacred and provided him with milk and helped him with the work in the fields to provide crops to be eaten and sold for money.

1. Which of these best describe(s) the farmer?
(A) The farmer was a hard worker.
(B) The farmer was a kind master.
(C) The farmer proved a faithful friend.
(D) All of these
(E) None of these
2. Which of these is not true about the cow in the story?
(A) The cow was an obedient animal.
(B) The cow was a faithful friend.
(C) The cow was a rebellious animal.
(D) The cow was a useful beast.
(E) The cow was a laborious animal.
3. What would be a valid title for the story?
(A) Best Friends Forever
(B) The Farmer and His Cow
(C) The Difficult Day
(D) The Test of Times
(E) The Farmer's Cow
4. What made Ah Niu change his mind about eating the cow?
(A) His own plight (B) The cow's cries
(C) His own guilt (D) The rain
(E) None of these
5. Which of the following is not true about Ah Niu's life?
(A) Ah Niu was contented with his lot.
(B) Ah Niu worked tirelessly.
(C) Ah Niu was a victim of his circumstances.
(D) Ah Niu willingly chose to eat his cow.
(E) Ah Niu led a simple life.
6. Which of the following words is a synonym for 'supplementary'?
(A) Decreased (B) Additional
(C) Primary (D) Basic
(E) Divided
7. Which of the following is an antonym for 'elated'?
(A) Depressed (B) Puzzled
(C) Confused (D) Sorry
(E) Ecstatic
8. Which of the following words is a synonym for 'starvation'?
(A) Hunger (B) Drought (C) Flood
(D) Full (E) Fed

9. Which of the following is an antonym for 'contented'?
- (A) Satisfied (B) Comfortable
(C) Dissatisfied (D) Angry
(E) Uncomfortable
10. Which of the following words is a synonym for 'sacred'?
- (A) Ordinary (B) Beautiful
(C) Blessed (D) Secular
(E) Revered

Directions for Questions 11 – 15: Read the following passage having some numbered blanks. Choose the best option to fill the numbered blanks to complete the passage.

Once upon a time, there was a curvy tree. It was ___11___ from all the other trees in the forest because it had a curved trunk. All the other trees used to ___12___ it.

One day, men from a village came and cut ___13___ all the trees in the forest to make furniture and other items. They saw the curvy tree and thought it could not be useful since it ___14___ not be put into a shape to make a chair or table and so it was left there. The curvy tree was happy that it was ___15___.

11. (A) different (B) changed
(C) distorted (D) twisted
(E) abnormal
12. (A) accept (B) neglect
(C) forget (D) desert
(E) talk
13. (A) away (B) up
(C) forth (D) down
(E) in
14. (A) would (B) should
(C) can (D) must
(E) could
15. (A) nothing (B) special
(C) lively (D) saviour
(E) None of these

Directions for Questions 16 – 20: Rearrange the following six sentences 1, 2, 3, 4, 5 and (6) in the proper sequence to form a meaningful paragraph; and then answer the questions given below them.

1. He got all kinds of dishes prepared but he could not get a fish.
2. But the gate keeper would not let him in till he had promised to give him half the reward.
3. After some time, a fisherman brought a big fish.
4. The fisherman agreed.

5. A rich man wanted to give a great feast to his friends.
6. He offered a reward to the man who would bring it.
16. Which of the following should be the SECOND sentence after rearrangement?
- (A) 2 (B) 1 (C) 4
(D) 5 (E) 6
17. Which of the following should be the FIRST sentence after rearrangement?
- (A) 6 (B) 4 (C) 5
(D) 1 (E) 3
18. Which of the following should be the FIFTH sentence after rearrangement?
- (A) 2 (B) 1 (C) 4
(D) 6 (E) 3
19. Which of the following should be the SIXTH (LAST) sentence after rearrangement?
- (A) 1 (B) 2 (C) 3
(D) 4 (E) 5
20. Which of the following should be the FOURTH sentence after rearrangement?
- (A) 4 (B) 2 (C) 3
(D) 1 (E) 5

Directions for Questions 21 – 25: Read each sentence to find out whether there is any grammatical error in it. The error, if any, will be in one part of the sentence. The letter of that part is the answer. If there is no error, the answer is (E), i.e. 'No error'. (Ignore the errors of punctuation, if any.)

21. (A) For the first time, the Man Booker International prize
(B) could go to a anonymous writer this year
(C) if a story of lifelong friendship in southern Italy beats the
(D) other five contestants on the short list announced this week
(E) No error
22. (A) The challenge is to
(B) drink two litres of water
(C) through the
(D) coarse of the day
(E) No error
23. (A) In there bid to beat dehydration
(B) and heat wave conditions, parents make their children
(C) consume roadside juices and unprotected water
(D) which are the primary causes for gastrointestinal disorders
(E) No error

24. (A) Add some colour
(B) to your walls
(C) by putting in some
(D) pretty paintings
(E) No error
25. (A) There has been a backlash in the Middle East
(B) when Mr. Trump pledged in December
(C) to temporarily ban all Muslims from entering
(D) the United States, should he become president
(E) No error

Directions for Questions 26 – 30: In each question below, a sentence with four words printed in bold is given. These are labelled as (A), (B), (C) and (D). One of these four words printed in bold may be either wrongly spelt or inappropriate in the context of the sentence. Find out the word which is wrongly spelt or inappropriate, if any. The letter of that word is your answer. If all the words printed in bold are correctly spelt and also appropriate in the context of the sentence, mark (E), i.e. 'All correct' as your answer.

26. Two **young man** shot and **killed** a taxi driver **in** Delhi over a **trivial** argument.

- (A) young man (B) killed (C) in
(D) trivial (E) All correct
27. The **encounter** between traditional societies and **modernity** has been an **occasion** for heated debates **among** academics and activists all over the world.
(A) encounter (B) modernity
(C) occasion (D) among
(E) All correct
28. Later this **weak**, Queen Elizabeth II, **already** the longest-reigning **British** monarch in history, **turns** 90.
(A) weak (B) already
(C) British (D) turns
(E) All correct
29. As all his hopes were **dashed**, he fell **into** a melancholy mood, **relentlessly** ruining **her** ill fate.
(A) dashed (B) into
(C) relentlessly (D) her
(E) All correct
30. You cannot extricate **yourself** from the vicious web **spun** by **your** own **negatives**.
(A) yourself (B) spun
(C) your (D) negatives
(E) All correct

Numerical Ability (35 Questions)

Directions for Questions 31 – 35: What will come in place of the question mark (?) in the following equations?

31. $\sqrt{7396} + ? = \sqrt{24336}$
(A) 80 (B) 72 (C) 70
(D) 76 (E) None of these
32. $3\frac{6}{7} - 6\frac{1}{4} + 5\frac{1}{3} = ?$
(A) $1\frac{65}{84}$ (B) $8\frac{1}{84}$
(C) $2\frac{79}{84}$ (D) $5\frac{47}{84}$
(E) None of these
33. $12.5\% \text{ of } 1250 + 35\% \text{ of } 1350 = ?$
(A) 627.50 (B) 627.75
(C) 628.25 (D) 628.50
(E) 628.75
34. $25646/245 + 124 \times 210 - 4410 = ?$
(A) 21734.68 (B) 21730.68
(C) 21735.68 (D) 21731.68
(E) None of these

35. $25\% \text{ of } 360 \times ?\% \text{ of } 88 = 3168$
(A) 50 (B) 30 (C) 40
(D) 60 (E) None of these

Directions for Questions 36 – 40: In the following question, two equations numbered I and II are given. You have to solve both the equations and give answer as (A), (B), (C), (D) or (E).

36. I. $3P^2 - 54P + 231 = 0$
II. $6Q^2 - 50Q + 56 = 0$
(A) if $P < Q$
(B) if $P \leq Q$
(C) if $P = Q$ or relation cannot be established
(D) if $P \geq Q$
(E) if $P > Q$
37. I. $8p^2 = 18$
II. $6q^2 - 27q + 30 = 0$
(A) if $p < q$
(B) if $p \leq q$
(C) if $p = q$ or relation cannot be established
(D) if $p \geq q$
(E) if $p > q$

38. I. $8p^2 - 48p + 64 = 0$
 II. $3q^2 - 27q + 60 = 0$
 (A) if $p < q$
 (B) if $p \leq q$
 (C) if $p = q$ or relation cannot be established
 (D) if $p \geq q$
 (E) if $p > q$
39. I. $x^2 + 7x + 6 = 0$
 II. $y^2 + 13y + 42 = 0$
 (A) if $x > y$
 (B) if $x \geq y$
 (C) if $x < y$
 (D) if $x \leq y$
 (E) if $x = y$ or relation cannot be established
40. I. $x^4 = 256$
 II. $y^3 = 729$
 (A) if $x > y$
 (B) if $x \geq y$
 (C) if $x < y$
 (D) if $x \leq y$
 (E) if $x = y$ or relation cannot be established
- Directions for Questions 41 – 45:** Find the next term of the series.
41. 87, 84, 75, 48, ____
 (A) -36 (B) 33 (C) 36
 (D) -33 (E) 30
42. 9, 29, 69, 129, 209, ____
 (A) 303 (B) 308 (C) 319
 (D) 309 (E) 329
43. 12, 34, 74, 138, ____
 (A) 192 (B) 202 (C) 212
 (D) 232 (E) 264
44. 7, 9, 14, 22, 33, 47, ____
 (A) 58 (B) 61 (C) 64
 (D) 67 (E) 70
45. 5, 3, 6, 6, 7, 9, 8, 12, ____
 (A) 3 (B) 6 (C) 12
 (D) 15 (E) 9
46. From 3 drums of milk, 27 litres, 33 litres and 45 litres are respectively to be drawn out. What is the capacity of the measure required such that the least time is taken?
 (A) 27 litres (B) 11 litres
 (C) 6 litres (D) 3 litres
 (E) None of these
47. Three-sevenths of a number is equal to 45 percent of another number. What is the ratio between the first number and the second number?
 (A) 21 : 20 (B) 20 : 21
 (C) 45 : 100 (D) 45 : 300
 (E) None of these
48. A particular amount was distributed among P, Q and R in the ratio 3 : 2 : 7. If the difference between the amounts of P and Q was Rs. 3,200, then find the total amount that was distributed.
 (A) Rs. 9,600 (B) Rs. 8,500
 (C) Rs. 9,800 (D) Rs. 10,000
 (E) Rs. 7,200
49. A 10-litre sugar solution contains 10% sugar. If 2 litres of water gets evaporated on boiling, then find the percentage of sugar in the remaining solution.
 (A) 10% (B) 12%
 (C) 12.5% (D) 14%
 (E) 13%
50. A man bought mangoes at the rate of 9 for Rs. 35 and sold them at the rate of 10 for Rs. 55. How many mangoes should he sell to earn a net profit of Rs. 58?
 (A) 36 (B) 29 (C) 30
 (D) 72 (E) None of these
51. A sum of money is invested at compound interest at a certain rate percentage. If simple interest at the same rate is calculated, then the interest for the first two years would diminish by Rs. 20 and that for the first three years by Rs. 61. Find the rate percentage.
 (A) 10% (B) 7% (C) 5%
 (D) 3% (E) 4%
52. Out of 60 passengers in a train, 10 do not have reservation tickets. 18% of the remaining have RAC (Reservation Against Cancellation) tickets. What percentage of the total number of passengers has RAC tickets?
 (A) 9% (B) 12%
 (C) 15% (D) 18%
 (E) 20%
53. A student has to secure 40% marks in order to pass an exam. If he gets 40 marks and fails by 40 marks, then find the maximum marks set for the exam.
 (A) 160 (B) 180 (C) 140
 (D) 200 (E) 220
54. The average weight of X, Y and Z is 54 kg. The average weight of X and Y and that of Y and Z are 49 and 52 kg, respectively. What is the weight of Y?
 (A) Data insufficient (B) 54 kg
 (C) 62 kg (D) 40 kg
 (E) None of these

55. At present, the average age of a father and his son is 29 years. The average age of father, mother and son five years from now will be 37 years. Find the mother's present age.
 (A) 38 years (B) 39 years
 (C) 40 years (D) 41 years
 (E) 42 years

56. R takes twice as long as A and S together take to do a certain piece of work. A takes thrice as long as S and R together. The three together can do the work in 10 days. How many days would S alone take to do the work?
 (A) 40 days (B) 30 days
 (C) 16 days (D) 24 days
 (E) 8 days

57. A doctor examines 5 patients in 3 hours, with breaks of 10 minutes between two consecutive patients. If he works for 10 hours and 15 minutes per day, then how many patients does he examine in a day?
 (A) 16 (B) 15 (C) 17
 (D) 18 (E) 20

58. Two taps A and B can fill a cistern in $37\frac{1}{2}$ minutes and 45 minutes, respectively. Both taps are turned on. When must the second tap be turned off, so that the cistern is filled in half an hour?
 (A) After 7 minutes
 (B) After 9 minutes
 (C) After 12 minutes
 (D) After 5 minutes
 (E) None of these

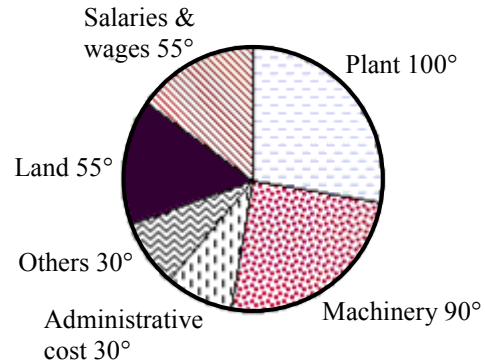
59. A thief steals a car at 1:30 p.m. and drives at 40 kmph. At 2:00 p.m. the owner starts chasing his car at 50 kmph. At what time will he catch the thief?
 (A) 4:00 p.m.
 (B) 2:30 p.m.
 (C) 2:00 p.m.
 (D) Cannot be determined
 (E) None of these

60. In a mile race, Akshay can be given a start of 256 metres by Bhairav. If Bhairav can give Chinmay a start of 4 metres in a 100 metre race, then who out of Akshay and Chinmay will win a race of one and half miles, and what will be the final lead given by the winner to the loser? (One mile is 1600 metres.)
 (A) Akshay, $\frac{1}{12}$ mile
 (B) Chinmay, $\frac{3}{16}$ mile

- (C) Akshay, $\frac{1}{24}$ mile
 (D) Chinmay, $\frac{1}{16}$ mile
 (E) None of these

Directions for Questions 61 – 65: The questions are based on the following pie chart:
 Break up of Project Implementation Cost of ABC Corp.

Total Project Cost = Rs. 252 Millions



61. What percentage of total project cost is Machinery?
 (A) 20% (B) 22%
 (C) 24% (D) 28%
 (E) 25%
62. What is the value of Plant (in million Rs.)?
 (A) 70 (B) 100 (C) 142
 (D) 125 (E) 75
63. If the Plant cost increases by 20% due to increase in construction cost, what will be angle of the Plant sector in the pie chart (approx.)?
 (A) 114° (B) 113°
 (C) 115° (D) 111°
 (E) 116°
64. If there is an escalation of 10% in Salaries and Wages and a reduction of 10% in Land, what will be the new angle of Salaries and Wages?
 (A) 65° (B) 58.5°
 (C) 60.5° (D) 63.5°
 (E) 65.5°
65. If the total project cost goes up to Rs. 360 millions, but the angles in the pie chart remain the same, by what amount will Machinery cost less than Plant (in million Rs.)?
 (A) 3 (B) 36 (C) 10
 (D) 100 (E) 25

Reasoning Ability (35 Questions)

66. In a particular code language, SHIRT is coded as @#%\$&, START is written as @&*%&, and HATE is written as #*&<. Find the word for the code %*%<@.

(A) RHTE (B) STHE
(C) ERHS (D) RAES
(E) HERT

67. If TREE is coded as 2588 and FIRE is coded as 1458, the how will FREE be written in that code?
(A) 1588 (B) 2548
(C) 2582 (D) 1258 (E) 5841

68. If 'trees are red' is coded as 'kpo ltr rak', 'flowers are blue' is coded as 'ltr sil mad' and 'flowers make vegetables' is coded as 'sil kil deo', then how is 'vegetables' written in the code?
(A) sil (B) ltr
(C) mad (D) kil
(E) Data insufficient

69. Raman is the only son of Joginder. Pammi is the mother of Tahir. Kamlesh is the grandmother of Shalu, who is the daughter of Pammi. If Joginder is the husband of Kamlesh, how is Shalu related to Raman?
(A) Sister (B) Wife
(C) Daughter (D) Aunt
(E) Mother

70. Pointing to a man in a photograph, a lady said, 'The sister of the son of this man is my mother-in-law.' How is the husband of the lady related to the man in the photograph?
(A) Maternal grandson
(B) Nephew
(C) Son
(D) Maternal grandfather
(E) None of these

71. Bhannu walks 6 km North and then he turns left and walks 5 km. Again he turns left and walks 6 km. After this, he turns right again and walks 2 km. How far is he from his starting point?
(A) 5 km (B) 3 km
(C) 7 km (D) 4 km
(E) None of these

Directions for Questions 72 – 76: Study the following information and answer the questions given below:

P, Q, R, S, T and U are travelling in a bus. There are two reporters, two technicians, one photographer and one writer in the group.

- The photographer P is married to S, who is a reporter.
- The writer is married to Q, who is of the same profession as that of U.

- P, Q, R and S are two married couples and nobody in the group has the same profession.
- U is the brother of R and is a technician.

72. Which of the following pairs is a married couple?
(A) PS (B) TU (C) PR
(D) RS (E) UR

73. Which of the following pairs is of technicians?
(A) QR (B) ST (C) QU
(D) PR (E) TU

74. Which of the following pairs is of reporters?
(A) PS (B) PR (C) QR
(D) SU (E) ST

75. How is R related to U?
(A) Sister
(B) Wife
(C) Husband
(D) Cannot be determined
(E) None of these

76. Which of the following pairs is of husbands?
(A) PQ (B) SR (C) TU
(D) ST (E) Cannot be determined

Directions for Questions 77 – 80: Study the following information and answer the questions given below:

P, Q, R, S, T, U, V, W and X are sitting around a circular table. T is second to the left of V. P is third to the right of Q. X is third to the right of S. X is fourth to the left of Q. U is fourth to the right of P. R is third to the right of W.

77. Who is sitting at the fourth position to the left of S?
(A) U (B) P (C) V
(D) S (E) R

78. Who is sitting at the third place to the right of fourth to the left of R?
(A) S (B) P (C) W
(D) V (E) U

79. What is the position of P with respect to Q?
(A) Fifth to the right (B) Fourth to the right
(C) Fifth to the left (D) Sixth to the left
(E) Both 2 and 4

80. What is the position of W with respect to V?
(A) Third to the right (B) Second to the right
(C) Fifth to the right (D) Sixth to the right
(E) Fourth to the right

81. Thirty students take an exam. After the exam, the rankings were prepared and according to the rankings, Jasleen is 15th from the top and Gurpreet

is 18th from the bottom. How many students are between Gurpreet and Jasleen in that ranking list?

- (A) 1 (B) 2 (C) 3
(D) 4 (E) 5

82. P, Q, R, S and T have different heights. T is taller than P and S, but shorter than R and Q. P is not the shortest. Who among them is the tallest?

- (A) T (B) Q (C) P
(D) P or S (E) Data inadequate

83. How many such pairs of letters are there in the word EXAMINATION, each of which has as many letters between them in the word as they have in the English alphabet?

- (A) None (B) One
(C) Two (D) Three
(E) More than three

84. There are 5 friends sitting in a row. Rahul is 3rd to the left of Rohit. Rohit is sitting between Aksh and Manish. Manish is not sitting at any end. Ankush is the fifth friend. Who is sitting at the centre?

- (A) Rahul (B) Rohit
(C) Aksh (D) Manish
(E) Ankush

85. If in a clock, 1 is replaced by 7, 2 by 8, 3 by 9 and so on, then what will be the time in that clock if the actual time is 6 o'clock?

- (A) 12 (B) 12:30
(C) 6:30 (D) 6:00
(E) None of these

Directions for Questions 86 – 90: In each of the questions below, two statements are given followed by four conclusions numbered I, II, III and IV. You have to take the two given statements to be true even if they seem to be at variance from the commonly known facts. Read the given statements and the conclusions, and then decide which conclusion(s) logically follow(s) from the two given statements, disregarding the commonly known facts.

86. **Statements:**

- (i) Some staplers are calendars.
(ii) Some calendars are calculators.

Conclusions:

- I. Some calendars are staplers.
II. Some staplers are calculators.
III. Some calculators are staplers.
IV. Some calculators are calendars.
(A) Only II and III follow.
(B) Only I and IV follow.
(C) Only I follows.
(D) None follows.
(E) All follow.

87. **Statements:**

- (i) All trucks are trunks.
(ii) No trunk is heavy.

Conclusions:

- I. No truck is heavy.
II. All trunks are trucks.
III. Some trunks are trucks.
IV. Some trucks are heavy.
(A) Only I follows.
(B) All follow.
(C) Only I and III follow.
(D) Only II and IV follow.
(E) None follows.

88. **Statements:**

- (i) All windows are carpets.
(ii) Some carpets are rats.

Conclusions:

- I. All rats are carpets.
II. All carpets are windows.
III. All windows are rats.
IV. All rats are windows.
(A) Only II, III and IV follow.
(B) Only I, II and IV follow.
(C) All follow.
(D) Only I, II and III follow.
(E) None follows.

89. **Statements:**

- (i) All players are educated.
(ii) All students are doctors.

Conclusions:

- I. Some players are doctors.
II. Some students are educated.
III. No player is doctor.
IV. No educated is doctor.
(A) Only I follows.
(B) Only II and III follow.
(C) Either I or III follows.
(D) All follow.
(E) None of these

90. **Statements:**

- (i) Some cups are not mugs.
(ii) Some mugs are pots.

Conclusions:

- I. No cup is a mug.
II. Some cups may be pots.
III. No pot is a cup.
IV. Some pots are cups.
(A) Only I follows.
(B) Only II and III follow.
(C) Either I or III follows.
(D) All follow.
(E) None of these

Directions for Questions 91 – 95: Study the following arrangement carefully and answer the questions given below:

S T 4 % 7 & H 3 K 5 * \$ 9 # 0 J V L 2 S @ ? Y 6 ! W 1 = G T + 8 !

91. How many such letters are there in the above arrangement, each of which is immediately preceded by a number and immediately followed by a letter?
(A) None (B) One
(C) Two (D) Three
(E) More than three
92. How many such numbers are there in the above arrangement, each of which is immediately preceded by a letter and immediately followed by a symbol?
(A) None (B) One
(C) Two (D) Three
(E) More than three
93. Four of the following five are alike in a certain way based on their positions in the above arrangement and so form a group. Which is the one that does not belong to that group?
(A) T47 (B) H35 (C) S#0
(D) 2S? (E) L26
94. What should come in place of the question mark (?) in the following series based on the above arrangement?
ST7 H3* 9#V ?
(A) 25* (B) S@6
(C) Y61 (D) 2SY
(E) None of these
95. Which of the following is sixth to the right of the thirteenth from the left end of the above arrangement?
(A) S (B) 0 (C) H
(D) 1 (E) None of these

Directions for Questions 96 – 99: In the following questions, the symbols *, □, Δ, ® and π are used with the following meanings:

‘M * N’ means M is greater than N.

‘M □ N’ means M is either greater than or equal to N.

‘M Δ N’ means M is equal to N.

‘M ® N’ means M is either smaller than or equal to N.

‘M π N’ means M is smaller than N.

Now in each of the following questions, assuming the given statements to be true, decide which of the two conclusions I and II given below them is/are definitely true.

Mark your answer as below:

- (A) Only conclusion I is true.
- (B) Only conclusion II is true.
- (C) Either conclusion I or II is true.
- (D) Neither conclusion I nor II is true.
- (E) Both conclusions I and II are true.

96. **Statements:**

S π T S □ U U Δ W

Conclusions:

I. T * U Δ W

II. S π W * U

97. **Statements:**

J * K K * L

Conclusions:

I. J * L

II. L ® J

98. **Statements:**

A Δ B D ® E E □ F

Conclusions:

I. E * B

II. B ® E π F

99. **Statements:**

Z * P P * L L * K K * M

Conclusions:

I. M ® L ® Z

II. M ® K ® Z

100. M earns more than X and less than T. V earns more than M and T. R earns more than only X. Who earns the least among the five of them?

- (A) X
- (B) V
- (C) M
- (D) Cannot be determined
- (E) None of these

IBPS Clerical (Prelims) Mock Test – 3

English Language (30 Questions)

Directions for Questions 1 – 10: Read the passage given below and answer the following questions.

Bhangarh fort is ranked fifth among the list of the world's most haunted places. This popular tourist attraction is located in Rajgarh, Alwar district in Rajasthan. This town was built in 1573 by Emperor Bhagwant Das as a residence for his son Madho Singh. This beautiful town was abandoned after some months of its construction as it was believed to be cursed by a sorcerer.

Inside the fort you will find gardens, devastated dwellings, trees, havelis, temples of Lord Someshwar, Gopinath, Mangla Devi and many more deities. We can find another fort in the nearby area with the name Ajabgarh fort, developed by King Ajab Singh.

No one is allowed to enter the fort before sunrise and after sun set. Even the tourists have reported a strange feeling while in the town. There are two myths associated with this place:

Myth 1:

There was an ascetic with the name Baba Balanath. He used to meditate in Bhangarh. Madho Rao, before constructing a fort, came to him and sought his permission. In return, Baba said, 'You can go ahead with the construction. But the moment the shadow of your palace will touch me, you are undone. The city shall be no more.'

With mutual consent, the construction began. After many years, the grandson of Madho Singh, Ajab Singh, in ignorance raised the height of the palace and the shadow entered the forbidden place. As per the curse, the entire town got devastated.

Myth 2:

The second myth is the most strongly believed myth.

There was a beautiful princess with the name Ratnavati. As she turned 18, she started receiving many marriage proposals from the nearby kingdoms. In the same area was a tantric, known for his occult powers. His name was Singhia. He was also in love with the princess but he was also aware of the fact that he was not a suitable match for the princess.

One day he saw that the maid of the princess was buying scented oil for her. Seeing this, he created a special oil with a spell. This oil had the power to hypnotize the princess and make her fall in love with him. However, the princess was well aware of his plan and so she foiled his plan. The princess also had magical powers. She transformed the bottle of oil to a big rock which then started rolling over the tantric, thereby killing him. Before dying, he cursed the place, 'I die! But you too, you Ratnavati shall not live here anymore. Neither you, nor

your kin nor even these walls of the city, none shall see the morning sun!'

On that very night, all the treasure was shifted to Ajabgarh. We can still see the Singhia Sehra Chhatri on the top of the hill.

The Archeological Survey of India (ASI) has put up a sign board (among others) at Bhangarh stating: 'Entering the borders of Bhangarh before sunrise and after sunset is strictly prohibited.'

1. What did Baba Balanath do when Madho Rao visited him?
(A) He demanded that the palace should be very beautiful.
(B) He demanded that Madho Singh's shadow not travel beyond its limits.
(C) He imposed a condition upon the construction of the palace.
(D) All of these
(E) None of these
2. Which of these is a reason for the town's destruction as given in myth 1?
(A) Madho Rao was careless and raised the height of the palace.
(B) Madho Rao was ignorant and raised the height of the palace.
(C) Ajab Singh was arrogant and raised the height of the palace.
(D) Ajab Singh was ignorant and raised the height of the palace.
(E) None of these
3. Which of these is not true about the first of the two myths associated with the fort?
(A) Balanath was an ascetic who caused the destruction of the palace.
(B) Balanath was a revered ascetic.
(C) Balanath warned Madho Rao about the limits of construction.
(D) Balanath gave permission for the construction of the palace.
(E) Madho Rao's palace was beautiful.
4. Why did the tantric curse the town of Bhangarh?
(A) He loved the princess and was jealous of the other suitors.
(B) The princess had rejected the tantric's love.
(C) The princess had seen through the tantric's plan and brought about his death.
(D) The tantric was no match for the princess.

- (E) The tantric's plan had failed because he was dim-witted.
5. Which of the following means the same as 'hypnotize'?
- (A) attract (B) allure
(C) awake (D) charm
(E) asleep
6. Which of the following means the same as 'foiled'?
- (A) spoilt (B) planned
(C) foresaw (D) thought
(E) devised
7. Which of the words is an antonym for 'forbidden'?
- (A) safe (B) risky
(C) deadly (D) permitted
(E) legitimate
8. What does the phrase 'not see the morning sun' mean here?
- (A) Suffering and disease in Bhargarh
(B) The blindness of people in Bhargarh
(C) Endless night in Bhargarh
(D) Destruction of Bhargarh as a city
(E) None of these
9. Which word in the passage is synonymous to 'transformed'?
- (A) changed (B) charmed
(C) adjusted (D) amended
(E) hypnotized
10. Which of the following means the same as 'Myth'?
- (A) legend (B) opinion
(C) curse (D) dream
(E) thought

Directions for Questions 11 – 15: Read the following passage having some numbered blanks. Choose the best option to fill the numbered blanks to complete the passage.

Once upon a time, there lived a king who was deeply in love with a princess, but she could not marry anyone because she was ___11___ an enchantment. So, the king set out to seek a fairy, and asked ___12___ he could do to win the princess's love. The fairy said to him, 'You know that the princess ___13___ a great cat which she is very fond of. Whosoever is clever ___14___ to tread on that cat's tail is the man she is ___15___ to marry.'

11. (A) in (B) above
(C) under (D) inside
(E) over

12. (A) that (B) which
(C) what (D) how
(E) why
13. (A) possessed (B) has
(C) have (D) had
(E) gotten
14. (A) full (B) more
(C) enough (D) completely
(E) sufficient
15. (A) certified (B) accepted
(C) destined (D) foretell
(E) liked

Directions for Questions 16 – 20: Rearrange the following six sentences 1, 2, 3, 4, 5 and 6 in the proper sequence to form a meaningful paragraph; and then answer the questions given below them.

1. It so happened one day that he saw a very strange old mirror, and he convinced his parents to buy it from a mysterious old man.
 2. He had practically everything a boy could ever want, so he was only interested in the most rare and curious of objects.
 3. There was once a boy who was very rich and clever.
 4. When the mirror arrived home, the boy went to see his reflection in it.
 5. His face looked very sad indeed.
 6. He tried smiling and making funny faces, but his reflection continued with its sad expression.
16. What should be the first line of the given passage?
- (A) 2 (B) 3 (C) 4
(D) 5 (E) 6
17. What should be the fourth line of the given passage?
- (A) 1 (B) 3 (C) 4
(D) 5 (E) 6
18. What should be the second line of the given passage?
- (A) 2 (B) 3 (C) 6
(D) 5 (E) 4
19. What should be the third line of the given passage?
- (A) 2 (B) 3 (C) 1
(D) 5 (E) 6
20. What should be the fifth line of the given passage?
- (A) 2 (B) 3 (C) 4
(D) 5 (E) 6

Directions for Questions 21 – 25: Each of the following sentences tests your ability to recognise grammar and usage errors. The sentence contains either a single error or no error at all. The sentence does not contain more than

one error. The error, if there is one, is underlined and lettered. If the sentence contains an error, select the one underlined part that must be changed to make the sentence correct. If the sentence is correct, select choice (E). In choosing the answer, follow the requirements of standard written English.

21. (a) The fear of the (b) impending economic recession has more to do (c) with the financial difficulties (d) than the debasing of the coinage. (e) No error
 (A) (a) (B) (b) (C) (c)
 (D) (d) (E) (e)
22. (a) As far the eye (b) could see (c) nothing (d) was to be seen except thousands of dead bodies. (e) No error
 (A) (a) (B) (b) (C) (c)
 (D) (d) (E) (e)
23. (a) Perfectionists is one of (b) those people who are (c) never satisfied with the work (d) of other people. (e) No error
 (A) (a) (B) (b) (C) (c)
 (D) (d) (E) (e)
24. Mariam (a) worked as the Senior Vice-President (b) of the organisation for seven years (c) and was given the (d) honorary award last year. (e) No error
 (A) (a) (B) (b) (C) (c)
 (D) (d) (E) (e)
25. Ron's next-door neighbour (a) is a mysterious man (b) name Jay Gatsby, (c) who lives in a gigantic mansion and (d) throws extravagant parties every Saturday night. (e) No error
 (A) (a) (B) (b) (C) (c)
 (D) (d) (E) (e)

Directions for Questions 26 – 30: In each question below, a sentence with four words printed in bold type is given. These are labelled as (A), (B), (C) and (D). One of

these four words printed in bold may be either wrongly spelt or inappropriate in the context of the sentence. Find out the word which is wrongly spelt or inappropriate, if any. The letter of that word is your answer. If all the words printed in bold are correctly spelt and also appropriate in the context of the sentence, mark (E), i.e. 'All correct' as your answer.

26. As Archer comes to **know** the Countess better, he **begin** to appreciate her **unconventional** views **on** New York society.
 (A) know (B) begin
 (C) unconventional (D) on
 (E) All correct
27. Even **through** he did not feel **guilty** for his actions, he **begged** the forgiveness of the **ruling** Council.
 (A) through (B) guilty
 (C) begged (D) ruling
 (E) All correct
28. The city has been **reeling** under an early heat **wave**, making this Saturday **Delhi's** hottest April day in six **year**.
 (A) reeling (B) wave
 (C) Delhi's (D) year
 (E) All correct
29. Hypothalamus acts **as** the brain's internal clock, **determining** when we feel like sleeping, how **long** we sleep and when we **feeling** like waking up.
 (A) as (B) determining
 (C) long (D) feeling
 (E) All correct
30. US scientists performed **sophisticated** experiments and computer simulations **to** recreate **violent** cosmic conditions **on** a small scale inside a laboratory.
 (A) sophisticated (B) to
 (C) violent (D) on
 (E) All correct

Numerical Ability (35 Questions)

Directions for Questions 31 – 36: What approximate value will come in place of the question mark (?) in the following questions? (You are not expected to calculate the exact value.)

31. $41.69^2 - 6.69^2 - 5.09^2 = ?$
 (A) 1668
 (B) 1768
 (C) 1968
 (D) 2088
 (E) 1888

32. $6\frac{2}{5}$ of 248.65 = ? of 2398.59
 (A) $\frac{2}{5}$ (B) $\frac{1}{4}$ (C) $\frac{1}{2}$
 (D) $\frac{1}{3}$ (E) $\frac{2}{3}$
33. $\left(\frac{15}{9}\right)^2 \times \frac{898}{39} \div \frac{41}{899} = ?$
 (A) 1600 (B) 1650

- (C) 1400 (D) 1550
(E) 1750

34. $45.83 \times 35.90 / 68.72 = ?$
(A) 25 (B) 28 (C) 22
(D) 24 (E) 15
35. $1299 \div 19.99 \times 25.01 + 400.01 = ?$
(A) 2025 (B) 2300
(C) 1925 (D) 2200
(E) 1700
36. $\sqrt{3100} \times \sqrt{567} \div \sqrt{250} = ? \div 8$
(A) 620 (B) 670 (C) 770
(D) 750 (E) 700
37. $\left[(5\sqrt{7} + \sqrt{7}) \times (4\sqrt{7} + 8\sqrt{7}) \right] - (19.01)^2 = ?$
(A) 143 (B) $72\sqrt{7}$ (C) 134
(D) $70\sqrt{7}$ (E) None of these
38. After dividing a number by 125, a remainder of 100 is left. If the same number is divided by 100, what would be the remainder?
(A) 0 (B) 25 (C) 75
(D) 85 (E) Cannot be determined
39. If Ozil loses 6.4 kg, he will weigh twice as much as his sister. Together they weigh 111.4 kg. What is Ozil's present weight (in kg)?
(A) 73.4 kg (B) 74.4 kg
(C) 75.4 kg (D) 70.0 kg
(E) 76.4 kg
40. Instead of finding the sum of two numbers, Mr. X finds the difference of the two numbers and his answer is exactly half of the actual. What is the ratio of the larger number to the smaller number?
(A) 2 : 1 (B) 3 : 1
(C) 4 : 1 (D) 3 : 2
(E) Cannot be determined
41. The numerator of a fraction is decreased by 30% and the denominator is decreased by 40%. If the new fraction is $7/9$, then find the original fraction.
(A) $\frac{2}{3}$ (B) $\frac{98}{117}$ (C) $\frac{3}{4}$
(D) $\frac{7}{12}$ (E) None of these
42. Which is the greatest number among the following that is divisible by 4, 5 and 7?
(A) 685 (B) 690 (C) 695
(D) 700 (E) 705

Directions for Questions 43 – 45: What will come in place of the question mark (?) in the following number series?

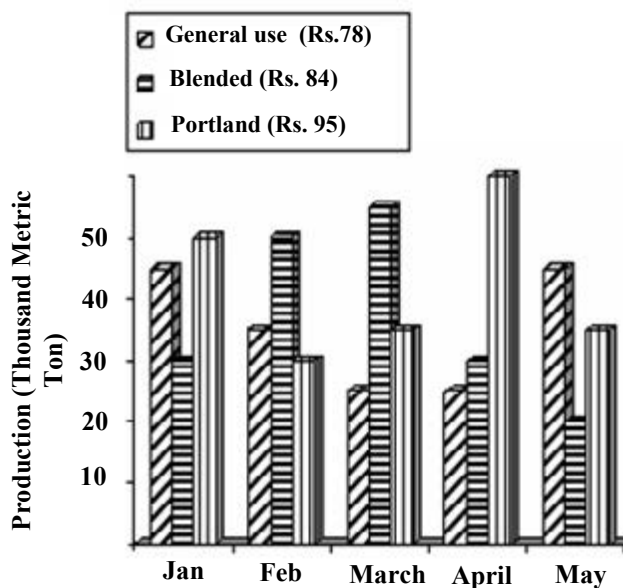
43. 12, 35, 36, 105, 108, ?
(A) 725 (B) 715 (C) 315
(D) 550 (E) None of these
44. 14, 16, 23, 34, 96, 140, 525, ?
(A) 946 (B) 640 (C) 746
(D) 840 (E) 846
45. 3, 5, 15, ?, 113
(A) 43 (B) 44 (C) 45
(D) 46 (E) 47
46. At present, the ratio of the ages of a father and his son is 9 : 4. However, after 5 years, the ratio will become 2 : 1. What is the present age of the father?
(A) 63 years (B) 45 years
(C) 40 years (D) 54 years
(E) 36 years
47. A trader mixes two varieties of tea costing Rs. 40 per kg and Rs. 50 per kg in the ratio 5 : 4. If the mixture is sold at Rs. 48 per kg, what is the gain %?
(A) 7.5% (B) 8%
(C) 5.5% (D) 5%
(E) None of these
48. Bharat bought 5 watches for Rs. 1,000 each and he spent Rs. 1,000 on the repair of all watches. Now, he sold 3 of them for Rs. 1,100 each and the remaining for Rs. 850 each. Find his total gain or loss %.
(A) Gain 8.3% (B) Loss 8.3%
(C) Gain 16.6% (D) Loss 16.6%
(E) None of these
49. A salesman sold two pipes at Rs. 12 each. His profit on one pipe was 20% and loss on the other was 20%. Find his loss or profit.
(A) Loss – Re. 1 (B) Profit – Re. 1
(C) Loss – Rs. 2 (D) Neither profit nor loss
(E) None of these
50. For a certain sum of money, there is a 60% increase in the amount in 6 years at simple interest. What will be the compound interest of Rs. 12,000 after 3 years at the same rate?
(A) Rs. 2,160 (B) Rs. 3,120
(C) Rs. 3,972 (D) Rs. 6,240
(E) None of these

51. Two sides of a square are increased by 20% and 40%. The area of the resulting rectangle exceeds the area of the square by
(A) 60% (B) 66%
(C) 68% (D) 80%
(E) 120%
52. The length and the breadth of a room are 22 metres and 18 metres, respectively. If the total area of the four walls of the room is 1,200 square metres, what is the height of each wall?
(A) 7.5 m (B) 10 m
(C) 12 m (D) 15 m
(E) None of these
53. The average age of a husband, a wife and a child 3 years ago was 30 years, and that of the child and the wife 5 years ago was 23 years. What is the age of the husband?
(A) 44 (B) 47 (C) 43
(D) 49 (E) None of these
54. The average tax evasion of a group of 10 MPs is 75 lakh. Three conscientious MPs pay their taxes and the average of the rest rises to 1 crore. What was the tax evaded by the three conscientious MPs?
(A) 50 lakh (B) 75 lakh
(C) 80 lakh (D) 100 lakh
(E) None of these
55. A bus owner buys petrol at Rs. 15, Rs. 16 and Rs. 17 per litre for three consecutive months, respectively. What is the approximate average cost per litre of petrol (in Rs.) if he spends Rs. 8,000 each month?
(A) 16.69 (B) 18.55 (C) 15.96
(D) 14.68 (E) 17.89
56. Machine A produces 100 parts twice as fast as machine B does. Machine B produces 100 parts in 40 minutes. If each machine produces parts at a constant rate, how many parts does machine A produce in 6 minutes?
(A) 30 (B) 25 (C) 20
(D) 15 (E) 7.5
57. Bob and Smith together can finish a piece of work in 8 days. Both started the work together. After 3 days, Bob fell ill. Smith alone finished the remaining work in 15 days. How many days would Bob take, working alone, to finish that work?
(A) 10 days (B) 11 days
(C) 12 days (D) 15 days
(E) 18 days
58. Sonu rides at the rate of 10 km/hour, but stops for 10 minutes to take rest at the end of every 15 km. How many hours will he take to cover 100 km?

- (A) 10 (B) 11
(C) 11.5 (D) 10.5
(E) None of these

59. A train is running at a speed of 48 kmph. A passenger counts the telephone posts on the line as he passes them. If the posts are 50 m apart, how many posts will he cross per minute?
(A) 16 (B) 20 (C) 24
(D) 10 (E) 12
60. A train running at a speed of 60 kmph crosses a platform double its length in 32.4 seconds. What is the length of the platform?
(A) 180 m (B) 240 m
(C) 360 m (D) 90 m
(E) Cannot be determined

Directions for Questions 61 – 65: Study the following bar graph and answer the questions that follow:
The bar graph shows production of different types of cement in various months of a year.



61. Which month shows the largest decrease in production as compared to the last month?
(A) January (B) February
(C) March (D) April
(E) May
62. What was the total value of cement sold in the first 3 months?
(A) Rs. 26,825 (B) Rs. 30,455
(C) Rs. 36,715 (D) Rs. 45,195
(E) Rs. 51,095
63. What percent of the total manufactured cement is Portland cement?

- (A) 48.8% (B) 42.5%
(C) 39.1% (D) 37.2%
(E) 36.8%

64. What is the average production of blended cement (in metric ton)?
(A) 37 (B) 34 (C) 32
(D) 30 (E) 28

65. What is the ratio of total production of general use cement to that of Portland cement over the first 3 months?
(A) 37 : 31 (B) 30 : 29
(C) 21 : 23 (D) 20 : 23
(E) 19 : 27

Reasoning Ability (35 Questions)

66. In a certain code, ORANGE is written as EGNARO. How is BANANA written in that code?
(A) ANANAB (B) ANABAN
(C) BANNAA (D) NNAABA
(E) ANANBA
67. In a certain code, RICH is written as SKFL. How will POOR be written in that code?
(A) KJGU (B) QQRV
(C) QRQV (D) RQQV
(E) KJUG
68. Pointing towards a man in a photograph, a woman said, 'His brother's father is the only son of my grandfather.' How is the woman related to the man in the photograph?
(A) Sister (B) Cousin
(C) Aunt (D) Either (A) or (B)
(E) Daughter
69. Looking at a picture, Pandey said, 'She is the daughter of my grandfather's only son.' How is the girl related to Pandey?
(A) Sister (B) Mother
(C) Cousin (D) Niece
(E) Cannot be determined
70. Gagan started from point A towards south and travelled 5 km, then he turned right and travelled 2 km, then he again turned right and travelled 5 km, and then he turned left and travelled 5 km. How far was he from point A?
(A) 7 km (B) 17 km
(C) 15 km (D) 5 km
(E) 2 km
71. Tiwari travels 4 km towards East. Then he takes a right turn and after travelling 3 km, he realises that he has forgotten one important document at his house. What will be the shortest distance that he needs to travel in order to reach his house as early as possible?
(A) 6 km (B) 4.5 km
(C) 5 km (D) 7 km
(E) 5.5 km

Directions for Questions 72 – 76: Study the following information carefully and answer the questions given below:

Poonam, Qurashi, Risha, Sonika, Tanvi, Uma, Varun and Waseem are eight friends. Three of them play hockey and chess each, and two of them play golf. They all are of different heights. The shortest does not play hockey and the tallest does not play golf. Uma is taller than Poonam and Sonika, but shorter than Qurashi and is the second tallest. Varun is shorter than Sonika, but only taller than Poonam. Waseem plays chess with Sonika and is the fourth tallest. Varun does not play hockey or golf. Qurashi does not play golf. Risha is taller than Tanvi.

72. Who among the following is the tallest?
(A) Poonam (B) Varun
(C) Waseem (D) Tanvi
(E) Qurashi
73. Which of the following groups of friends definitely does not play hockey?
(A) Waseem, Varun and Poonam
(B) Risha, Poonam and Qurashi
(C) Risha, Qurashi and Tanvi
(D) Qurashi, Varun and Risha
(E) Uma, Sonika and Qurashi
74. Which of the following friends play chess?
(A) Uma, Sonika and Poonam
(B) Waseem, Sonika and Varun
(C) Uma, Poonam and Varun
(D) Qurashi, Waseem and Poonam
(E) None of these
75. Who among the following is the shortest?
(A) Qurashi (B) Poonam
(C) Risha (D) Varun
(E) Uma
76. What is Varun's position from the top when they are arranged in descending order of their heights?
(A) First (B) Sixth
(C) Fourth (D) Second
(E) Seventh

Directions for Questions 77 – 81: Read the information and answer the questions that follow.

Eight people P, Q, R, S, T, U, V and W are sitting around a circular table facing towards the centre. Only three people sit between P and S. Q is to the immediate left of P, who is third to the right of U. R is not an immediate neighbour of P and S, but sits to the immediate right of V. W is not an immediate neighbour of R.

77. Who is sitting in the middle of Q and U?
 (A) R (B) W (C) R
 (D) P (E) T
78. What is T's position with respect to P?
 (A) Immediate right (B) Immediate left
 (C) Third to the right (D) Third to the left
 (E) Exactly opposite
79. How many people are sitting between W and P, starting from W in the clockwise direction?
 (A) 2 (B) 5 (C) 4
 (D) 1 (E) 6
80. Who is sitting to the immediate left of S?
 (A) Q (B) U (C) V
 (D) R (E) T
81. There is a particular pattern given in the options. Choose the odd one out.
 (A) PV (B) WU (C) ST
 (D) VP (E) PS

Directions for Questions 82 – 86: Study the following information carefully to answer the questions given below.

Seven TV channels A, B, C, D, E, F and G telecast different programmes P, Q, R, S, T, U and V on different days of the week from Monday to Sunday, not necessarily in the same order. Channel A telecasts programme T on Sunday. Channel D does not telecast programme P or U, but telecasts on the day just prior to that of Channel F. Channel C telecasts programme Q, but not on Monday. Channel B telecasts programme R on Tuesday. Channel G telecasts programme V, but not on Monday. Channel C telecasts on the next day of Channel G and the previous day of Channel D. Programme P is telecast before programme U.

82. Which channel telecasts programme S?
 (A) E (B) D (C) F
 (D) D or E (E) None of these
83. Which programme is telecast on Thursday?
 (A) P (B) S (C) R
 (D) Q (E) U

84. Which of the following combinations of 'day - channel - programme' is correct?
 (A) Thursday – C – R
 (B) Tuesday – C – Q
 (C) Saturday – E – U
 (D) Monday – E – P
 (E) None of these
85. Which channel telecasts the programme on Wednesday?
 (A) F
 (B) E
 (C) G
 (D) Cannot be determined
 (E) None of these
86. Channel C telecasts on which day of the week?
 (A) Thursday (B) Tuesday
 (C) Friday (D) Cannot be determined
 (E) None of these

Directions for Questions 87 – 90: In each of the following questions, two statements are given followed by four conclusions numbered I, II, III and IV. You have to take the two given statements to be true even if they seem to be at variance from the commonly known facts. Read the given statements and the conclusions and then decide which conclusion(s) logically follow(s) from the two given statements, disregarding the commonly known facts.

87. **Statements:**
 Some hides are skins.
 All skins are covers.
Conclusions:
 I. Some hides are covers.
 II. Some skins are hides.
 III. All covers are skins.
 IV. Some covers are hides.
 (A) Only I, II and IV follow.
 (B) Only III and IV follow.
 (C) Only IV follows.
 (D) All follow.
 (E) None of these
88. **Statements:**
 All athletes are spectators.
 Some spectators are coaches.
Conclusions:
 I. All coaches are spectators.
 II. All spectators are athletes.
 III. All athletes are coaches.
 IV. All coaches are athletes.
 (A) Only II, III and IV follow.
 (B) Only I, II and IV follow.
 (C) All follow.
 (D) Only I, II and III follow.
 (E) None follows.

89. **Statements:**

All doors are chairs.
All chairs are tables.

Conclusions:

- I. All doors are tables.
- II. Some tables are chairs.
- III. Some tables are doors.
- IV. All tables are doors.
- (A) Only I and II follow.
- (B) Only III and IV follow.
- (C) All follow.
- (D) Only II, III and IV follow.
- (E) Only I, II and III follow

90. **Statements:**

All boxes are benches.
All boxes are chairs.

Conclusions:

- I. All benches are chairs.
- II. All benches are boxes.
- III. Some benches are chairs.
- IV. Some chairs are boxes.
- (A) All I, II, III and IV follow.
- (B) Only I and III follow.
- (C) Only II and IV follow.
- (D) Only III and IV follow.
- (E) None of these

Directions: The question below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements is sufficient to answer the question.

91. What does 'so' mean in the code language?

- I. 'ni la pe so' means 'I bought a car'.
- II. 'la be so nu' means 'A house was bought'.

Mark your answer as

- (A) if the data in statement I alone is sufficient to answer the question, while the data in statement II alone is not sufficient to answer the question
- (B) if the data in statement II alone is sufficient to answer the question, while the data in statement I alone is not sufficient to answer the question
- (C) if the data in statement I alone or in statement II alone is sufficient to answer the question
- (D) if the data in both statements I and II is not sufficient to answer the question
- (E) if the data in both the statements I and II together is necessary to answer the question

Directions: Three statements numbered I, II and III are given below. You have to decide whether the data provided in the statements is sufficient to answer the question.

92. How is 'one' coded in the code language?

- I. 'one of its kind' is coded as 'zo pi ko fe' and 'in kind and cash' is coded as 'ga, to ru ko'.
- II. 'its point for origin' is coded as 'ba le fe ml' and 'make a point clear' is coded as 'yu si mi de'.
- III. 'make money and cash' is coded as 'o mi ru hy' and 'money of various kind' is coded as 'qu ko zo'.

Mark your answer as

- (A) if the data in statements I and II is sufficient to answer the question, while the data in statement III is not required to answer the question
- (B) if the data in statements I and III is sufficient to answer the question, while the data in statement II is not required to answer the question
- (C) if the data in statement II and III are sufficient to answer the question, while the data in statement I is not required to answer the question
- (D) if the data in statement I alone or statement II alone or statement III alone is sufficient to answer the question
- (E) if the data in all the statements I, II and III together is necessary to answer the question

Directions for Questions 93 – 94: The questions are based on the series given below.

1 @ Z X O * P E & % 7 8 J ^ 6 U R F 8 5 A #

93. How many vowels are followed by a symbol?

- (A) 1 (B) 2 (C) 3
- (D) 4 (E) 5

94. How many symbols are followed or preceded by two digits in continuation?

- (A) 1 (B) 2 (C) 3
- (D) 4 (E) 5

95. Which of the following options will replace the question mark (?) in the given series?

CVD, CTE, DQE, DMF, EHF, ?

- (A) ECG (B) FCG
- (C) EBG (D) FBG
- (E) None of these

Directions for Questions 96 – 100: Symbols @, %, •, \$ and # are used with the following meanings:

'A @ B' means 'A is smaller than B'.

'A % B' means 'A is greater than B'.

'A • B' means 'A is neither greater than nor smaller than B'.

'A \$ B' means 'A is either smaller than or equal to B'.
 'A # B' means 'A is either greater than or equal to B'.
 Assuming the above to be true, find the conclusion(s)
 which definitely follow(s).

Mark your answer as below:

- (A) Only conclusion I is true.
- (B) Only conclusion II is true.
- (C) Either conclusion I or conclusion II is true.
- (D) Neither conclusion I nor conclusion II is true.
- (E) Both conclusions I and II are true.

96. **Statements:**
 G @ H, H • Q, Q \$ M

Conclusions:

I. M % G

II. H \$ M

97. **Statements:**
 F • B, B @ E, E # J

Conclusions:

I. F @ E

II. J \$ B

98. **Statements:**
 R \$ H, H % M, M # F

Conclusions:

I. F \$ H

II. F @ R

99. **Statements:**
 T # L, L % W, W @ V

Conclusions:

I. L % V

II. T % W

100. **Statements:**
 K % L, L # T, I \$ T

Conclusions:

I. L % I

II. L • I

IBPS Clerical (Prelims) Mock Test – 4

English Language (30 Questions)

Directions for Questions 1 – 10: Read the passage given below and answer the following questions.

Long ago and far away, high up amongst the clouds of Mount Olympus, the Gods enjoyed a life of pleasure and quarrelling. Whenever they got tired of quarrelling amongst themselves, they turned their attention to playing with people, as you might play with your toys.

One day, the Gods created a beautiful woman called Pandora and took her to Prometheus. Prometheus knew that the Gods were angry with him because he had stolen fire from them and given it to humans. Prometheus was frightened that the Gods were trying to trick him to get their own back and decided to ignore Pandora.

However his brother, Epimetheus, fell in love with the beautiful Pandora and decided to marry her. The couple lived happily together until one day, Mercury the messenger of the Gods arrived with a mysterious box. He asked Pandora and her husband to take care of it while he was away. Before he left, he made them promise never to open it and look inside it.

For days, Pandora could not take her eyes off the box. All the time she wondered what was inside; could it be full of glittering jewels, glamorous dresses and golden coins? Whenever Epimetheus was away and no one was around, Pandora would creep up to the box and run her fingers over the polished wood and the golden clasp. However, one day when Epimetheus was out hunting, she could bear it no longer, her curiosity overcame her. Making sure she was not being watched, she crept up to the box and gingerly opened the clasp. Slowly lifting the lid – she looked inside.

But to her surprise, there were no glittering jewels, glamorous dresses or golden coins – instead the Gods had filled the box with all evils now known to mankind. Disease, misery and death swooped and buzzed around stinging her. Pandora screamed and screamed with pain and fear. Epimetheus heard her cries as he rode into the courtyard. Flinging himself from his horse, he ran to her aid, taking her into his arms, he comforted her as the evils flew out of the castle and spread across the land.

Between her sobs Pandora and Epimetheus heard a tiny little voice calling from the box. ‘Let me out!’, ‘let me out!’ Believing that nothing inside the box could be worse than the horrors released, they opened the lid once more.

All that remained was a tiny crumpled butterfly, shivering in the corner – slowly it unfolded its sparkling wings and brushed them against Pandora, healing her wounds. The beautiful butterfly was – *hope*, which Mercury had hidden amongst the evils, taking pity on mankind when he realized what the Gods were plotting.

1. Which of these is not true about the Gods in the story?
(A) The Gods are tricksters.
(B) The Gods are vengeful.
(C) The Gods are quarrelsome.
(D) The Gods are pleasure-loving.
(E) The Gods are contented.
2. Why were the Gods displeased with Prometheus?
(A) He had stolen the wooden box.
(B) He had stolen fire and given it to humans.
(C) He had rejected the beautiful Pandora.
(D) He was a courageous fellow.
(E) None of these
3. The phrase ‘to get their own back’ means
(A) to avenge something
(B) to tap their backs
(C) to go back
(D) to congratulate themselves
(E) None of these
4. Who was Epimetheus?
(A) Epimetheus was a wise man.
(B) Epimetheus was Pandora’s husband.
(C) Epimetheus was a God.
(D) Epimetheus was the king of humanity.
(E) None of these
5. How did the Gods take their revenge?
(A) They punished Prometheus.
(B) They killed Pandora.
(C) They gifted a box that let loose evils into the world.
(D) There were no jewels and riches in the box.
(E) None of these
6. Which of these was not in the mysterious box?
(A) Hope (B) Death
(C) Misery (D) Love
(E) Disease
7. Choose the option that is the same in meaning to ‘swooped’ as used in the passage.
(A) Flung (B) Defended
(C) Left (D) Attacked
(E) None of these
8. Choose the option that is opposite in meaning to ‘gingerly’ as used in the passage
(A) carefully (B) cautiously
(C) carelessly (D) calculatedly
(E) None of these

9. Choose the option that means the same as 'flinging' as used in the passage.
 (A) Throwing (B) Catching
 (C) Plotting (D) Going
 (E) None of these

10. 'Plotting' means the same as
 (A) neglecting (B) forgetting
 (C) remembering (D) All of these
 (E) None of these

Directions for Questions 11 – 15: Read the following passage having some numbered blanks. Choose the best option to fill the numbered blanks to complete the passage.

There once lived a poor tailor, who had a son called Aladdin, a careless, ___11___ boy who would do ___12___ but play ball all day long in the streets with little idle boys like himself. This so grieved the father that he died; yet, in spite of his mother's tears and prayers, Aladdin did not ___13___ his ways. One day, when he was playing in the streets as ___14___, a stranger asked him his age, and if he was not the son of Mustapha the tailor. 'I am, sir,' replied Aladdin; 'but he died a long ___15___ ago.'

11. (A) busy (B) energetic
 (C) hardworking (D) idle
 (E) playful
12. (A) something (B) anything
 (C) nothing (D) little
 (E) somewhat
13. (A) heal (B) repair
 (C) cure (D) restore
 (E) mend
14. (A) earlier (B) usual
 (C) natural (D) normal
 (E) None of these
15. (A) though (B) timing
 (C) period (D) while
 (E) age

Directions for Questions 16 – 20: Rearrange the following six sentences 1, 2, 3, 4, 5 and 6 in the proper sequence to form a meaningful paragraph; and then answer the questions given below them.

1. Hearing that the merchant was a man of great ill fortune, the fortune-teller opened his knapsack and pulled out a strange-looking device.
2. It was made from two crystal glasses stuck together.
3. There was a small hole in the red one.

4. One glass was green, and the other was red.
5. He went to a fortune-teller to know what the future had in store for him.
6. There was once a merchant who, after years of bad business, was cursing his bad luck.

16. What should be the sixth line of the given passage?
 (A) 2 (B) 3 (C) 4
 (D) 5 (E) 6
17. What should be the fourth line of the given passage?
 (A) 1 (B) 2 (D) 4
 (D) 5 (E) 6
18. What should be the second line of the given passage?
 (A) 2 (B) 3 (C) 6
 (D) 5 (E) 4
19. What should be the third line of the given passage?
 (A) 2 (B) 3 (C) 1
 (D) 5 (E) 6
20. What should be the fifth line of the given passage?
 (A) 2 (B) 3 (C) 4
 (D) 5 (E) 6

Directions for Questions 21 – 25: Each of the following sentences tests your ability to recognise grammar and usage errors. The sentence contains either a single error or no error at all. The sentence does not contain more than one error. The error, if there is one, is underlined and lettered. If the sentence contains an error, select the one underlined part that must be changed to make the sentence correct. If the sentence is correct, select choice (E). In choosing the answer, follow the requirements of standard written English.

21. (a) Perhaps (b) the known best of all agencies (c) of the Department of the Interiors (d) is the National Park Service. (e) No error
 (A) (a) (B) (b) (C) (c)
 (D) (d) (E) (e)
22. I have seen (a) as bed or worse scenes of (b) disorder at the English fair (c) than in (d) any other fair. (e) No error
 (A) (a) (B) (b) (C) (c)
 (D) (d) (E) (e)
23. (a) The captain (b) along with his team-mates (c) were killed (d) in the recent Railway accident. (e) No error
 (A) (a) (B) (b) (C) (c)
 (D) (d) (E) (e)

24. I have helped (a) the party (b) to become victorious in the elections (c) as much as (d) him.
(e) No error
(A) (a) (B) (b) (C) (c)
(D) (d) (E) (e)
25. Duke Ellington is (a) considered by many to be the most (b) importantly figure (c) in the (d) history of jazz. (e) No error
(A) (a) (B) (b) (C) (c)
(D) (d) (E) (e)

Directions for questions 26 – 30: Fill the blanks in each of the following sentences with the most appropriate option.

26. Mona's flight had _____ on time, but Kimi's flight had been _____ by more than five hours making their mother wait at the airport.
(A) arrived, delayed (B) hung, stopped
(C) waited, flew (D) controlled, waited
(E) delayed, arrived
27. Sharmila Tagore had been a very _____ actress once and recently _____ as the head of the Censor Board.
(A) popular, waited (B) famous, resigned
(C) beautiful, carried (D) lively, dreamed
(E) character, made
28. Gagan was the name of the girl who _____ my younger brother Mathematics earlier when he was _____ for his Civil Services exam.
(A) waited, looking
(B) read, writing
(C) looked, observing
(D) taught, preparing
(E) learned, looking
29. Lena was _____ the best actress by both the critics as well as the audience and her performance was _____ widely.
(A) viewed, levelled
(B) named, looking
(C) judged, appreciated
(D) prized, saw
(E) observed, appreciating
30. Maryam had _____ the match single-handedly for her team for the fifth _____ time in a row.
(A) set, previous
(B) lost, next
(C) winning, alternative
(D) given, last
(E) won, consecutive

Numerical Ability (35 Questions)

Directions for Questions 31 – 35: What will come in place of the question mark (?) in the given equations?

31. $40\% \text{ of } 265 + 35\% \text{ of } 180 = 50\% \text{ of } ?$
(A) 338 (B) 84.5
(C) 253.5 (D) 169
(E) None of these
32. $(560 + 321) \times \frac{(720 - 688)}{16} = ?$
(A) 1062 (B) 1157
(C) 1672 (D) 1762
(E) 1765
33. $\sqrt{\frac{?}{10000}} = 0.16$
(A) 2560 (B) 2.56
(C) 0.256 (D) 25.6
(E) None of these
34. $? \% \text{ of } 104 = 65\% \text{ of } 240$
(A) 150 (B) 56 (C) 124
(D) 149 (E) None of these
35. $10\% \text{ of } 30\% \text{ of } 5233 = ?$
(A) 157 (B) 167 (C) 179
(D) 181 (E) 149

Directions for Questions 36 – 40: In each of the following questions, there are two equations numbered I and II. You have to solve both the equations and choose the correct option.

36. I. $5x^2 - 16x + 11 = 0$
II. $5y^2 - 3y - 2 = 0$
(A) $x > y$
(B) $x \geq y$
(C) $x < y$
(D) $x \leq y$
(E) $x = y$ or no relation can be established
37. I. $x^2 + 11x + 28 = 0$
II. $2y^2 + 13y + 20 = 0$
(A) $x > y$
(B) $x \geq y$
(C) $x < y$
(D) $x \leq y$
(E) $x = y$ or no relation can be established
38. I. $6x^2 + 29x + 35 = 0$
II. $3y^2 + 19y + 30 = 0$
(A) $x > y$
(B) $x \geq y$
(C) $x < y$
(D) $x \leq y$
(E) $x = y$ or no relation can be established

39. I. $6x^2 - 19x + 15 = 0$
 II. $10y^2 - 29y + 21 = 0$
 (A) $x > y$
 (B) $x \geq y$
 (C) $x < y$
 (D) $x \leq y$
 (E) $x = y$ or no relation can be established
40. I. $12x^2 + 11x - 56 = 0$
 II. $4y^2 - 15y + 14 = 0$
 (A) $x > y$
 (B) $x \geq y$
 (C) $x < y$
 (D) $x \leq y$
 (E) $x = y$ or no relation can be established
41. Which among the following is the greatest number that will divide 58, 121 and 184 to leave the same remainder in each case?
 (A) 63 (B) 72 (C) 81
 (D) 90 (E) 99
- Directions for Questions 42 – 46:** What should come in place of the question mark (?) in the following number series?
42. 2673, 2, 891, 22, 297, 242, 99, ?
 (A) 2662 (B) 266 (C) 26
 (D) 33 (E) 35
43. 4, 8, 22, 12, 16, 22, 20, 24, ?
 (A) 28 (B) 25 (C) 22
 (D) 32 (E) 29
44. 3676.53125, 1050.4325, 300.125, ?, 24.5, 7
 (A) 8.575 (B) 8.565
 (C) 86.75 (D) 85.75
 (E) 85.65
45. 9, 20, 33, ?, 65, 84
 (A) 47 (B) 46 (C) 48
 (D) 43 (E) None of these
46. 27, 26, 23, 21, 19, ?
 (A) 16 (B) 15 (C) 14
 (D) 18 (E) None of these
47. X, Y and Z enter into a partnership. X invests some amount at the beginning. Y invests thrice the amount invested by X after 5 months and Z invests twice the amount invested by X after 6 months. They earn a profit of Rs. 60,000 at the end of the year. What is Z's share in the profit?
 (A) Rs. 20,000 (B) Rs. 16,000
 (C) Rs. 15,000 (D) Rs. 12,000
 (E) None of these
48. Aman won a competition and he got some prize money. He gave Rs. 2000 less than the half of prize money, to his son and Rs. 1000 more than two-thirds of the remaining, to his daughter. If both of them got the same amount, what amount did Aman receive as prize money?
 (A) Rs. 20000 (B) Rs. 25000
 (C) Rs. 26000 (D) Rs. 24000
 (E) Rs. 39000
49. A sugar seller sold half of his sugar at 30% profit, half of the remaining sugar at 10% loss and the rest at 20% profit. During all these transactions, he will make
 (A) 17.5% profit (B) neither loss nor gain
 (C) 25% loss (D) 20% profit
 (E) None of these
50. In a business, A and C invested amounts in the ratio 2 : 1 whereas the ratio between the amounts invested by A and B was 3 : 2. If their profit was Rs. 1,57,300, then how much amount did B receive (in rupees)?
 (A) 24200 (B) 36300
 (C) 48400 (D) 72600
 (E) None of these
51. Rahul says, 'I incurred loss by selling my monitor for Rs. 5825 and I earned profit by selling my UPS for Rs. 2345. But the amount of profit and loss is the same in both the cases.' How much profit did he make by selling the UPS?
 (A) Rs. 3478 (B) Rs. 1640
 (C) Rs. 1740 (D) Rs. 1760
 (E) Rs. 4085
52. The compound interest on a certain sum of money for 2 years at 10% per annum is Rs. 420. Find the simple interest at the same rate and for the same time.
 (A) Rs. 400 (B) Rs. 500
 (C) Rs. 450 (D) Rs. 550
 (E) None of these
53. The cost of painting the walls of a room 12 m long at the cost of Rs. 1.35 per sq. m is Rs. 340.20. The cost of tiling the floor at 85 paise per sq. m is Rs. 91.80. Find the height of the room.
 (A) 8 m (B) 6 m
 (C) 10 m (D) 11 m
 (E) 12 m
54. The maximum marks of an exam are 140. If the passing marks are 40% and a student gets 50 marks, how many more marks should he get in order to pass the exam?
 (A) 7 (B) 8 (C) 6
 (D) 5 (E) 4
55. The marked price of an article is Rs. 500. It is sold for 50% + 20% discount. What is the selling price?

- (A) Rs. 210 (B) Rs. 220
(C) Rs. 230 (D) Rs. 240
(E) Rs. 200

56. Out of 36 students in a hostel, 19 leave. Due to this, the mess expenses come down by Rs. 48 per day, but the average expense per head increases by Rs. 5. What is the new expenditure per day of the mess?

- (A) Rs. 252 (B) Rs. 204
(C) Rs. 300 (D) Rs. 240
(E) Cannot be determined

57. A certain team played 10 basketball games last season. Jack did not play in some of the games, but he scored an average of 12 points per game for the whole season and had an average of 20 points per game for the games in which he played. In how many games did Jack not play?

- (A) 3 (B) 4 (C) 5
(D) 6 (E) 8

58. If three men A, B, and C work for 8 hours everyday, then they respectively take 10 days, 15 days and 20 days to complete a piece of work. First, A and B together started the work and worked for 6 days for 6 hours per day. Then, A and B were replaced by C, who works for 10 hours a day. How many days does C have to work to complete the work?

- (A) 4 days (B) 5 days
(C) 6 days (D) 8 days
(E) 9 days

59. There are 3 taps for three pipes x, y and z. x and y are inlet pipes, which can fill a tank in 20 hours and 25 hours, respectively, whereas z is an outlet tap. When the tank is empty, a man wants to turn on x and y, but by mistake, he turned on x and z. It takes 10 hours more to fill the tank than expected. In how much time can pipe z empty the tank alone?

- (A) 100 hours (B) 180 hours
(C) 250 hours (D) 380 hours
(E) 500 hours

60. Two pipes A and B can fill a tank in 6 hours. After working at it together for 2 hours, B is closed and A alone fills the remaining part in 8 hours. How many hours will B alone take to fill the tank?

- (A) 12 (B) 16 (C) 8
(D) 4 (E) None of these

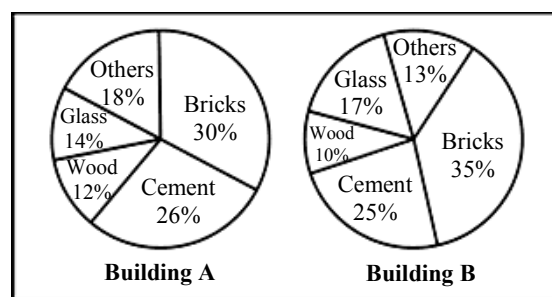
61. A, B and C start at the same time from the same point in the same direction to run around a circular

stadium. A completes a round in 252 seconds, B in 308 seconds and C in 198 seconds, all starting at the same point. After what time will they come around again at the starting point?

- (A) 26 minutes and 18 seconds
(B) 42 minutes and 36 seconds
(C) 45 minutes
(D) 46 minutes and 12 seconds
(E) 46 minutes and 2 seconds

Directions for Questions 62 – 65: Answer the given questions based on the following data:

MONEY SPENT ON VARIOUS BUILDING MATERIALS IN CONSTRUCTION OF TWO BUILDINGS



Total money spent on building A is Rs. 540,000 and total money spent on building B is 15% more.

62. How much more money is spent on bricks in building B than that in building A?
(A) Rs. 51,350 (B) Rs. 53,350
(C) Rs. 54,250 (D) Rs. 55,350
(E) Rs. 55,450
63. What is the percentage decrease in amount of others from building A to building B?
(A) 14.26% (B) 15.13%
(C) 16.94% (D) 17.8%
(E) 17.21%
64. What is the ratio between money spent on glass in building A and that in building B?
(A) 212 : 353 (B) 246 : 315
(C) 260 : 347 (D) 270 : 307
(E) 280 : 391
65. How much percent more is the money spent on cement in building B than that in building A?
(A) 13.2% (B) 12.41%
(C) 10.6% (D) 9.9%
(E) 9.2%

Reasoning Ability (35 Questions)

66. If KICKBOX is coded as XOBKCIK, then how will QUACKED be coded in that code?
 (A) DEKQCAU (B) DEQKCAU
 (C) DEKCAUQ (D) DEKCAQU
 (E) DQEKCAU
67. If TREE is coded as 2589 and FIRE is coded as 1473, then how will FREE be written in that code?
 (A) 1589 (B) 1479
 (C) 2583 (D) 1259
 (E) 4732
68. Pointing to a man in a photograph, a woman said, 'His brother's father is the only son of my grandfather.'
 How is the woman related to the man in the photograph?
 (A) Sister or cousin (B) Aunt
 (C) Mother (D) Daughter
 (E) Grandmother
69. Looking at a picture, Pankaj said, 'He is the only child of my grandfather's only son.' How is Pankaj related to that boy in the picture?
 (A) Himself (B) Brother
 (C) Uncle (D) Father
 (E) Cannot be determined
70. Kunal walks 10 km towards North. From there, he walks 6 km towards South. Then, he walks 3 km towards East. How far and in which direction is he from the starting point?
 (A) 5 km, West (B) 5 km, North-East
 (C) 7 km, East (D) 7 km, West
 (E) None of these
71. I am standing at the centre of a circular field. I go down south to the edge of the field and then turning left, I walk along the boundary of the field equal to three-eighths of its length. Then I turn west and go right across to the opposite point on the boundary. In which direction am I from the starting point?
 (A) North-West (B) North
 (C) South-West (D) West
 (E) None of these
72. Who amongst the following works as an Agriculture Officer?
 (A) C (B) B (C) F
 (D) D (E) None of these
73. What is the profession of C?
 (A) Terminal Operator
 (B) Agriculture Officer
 (C) Economist
 (D) Cannot be determined
 (E) None of these
74. For which bank does B work?
 (A) M (B) S (C) L
 (D) Either M or S (E) None of these
75. What is the profession of the person who works for Bank S?
 (A) Clerk
 (B) Agriculture Officer
 (C) Terminal Operator
 (D) Forex Officer
 (E) None of these
76. Which of the following combinations of person, profession and bank is correct?
 (A) A - Forex Officer - M
 (B) D - Clerk - L
 (C) F - Agriculture Officer - Q
 (D) G - Research Analyst - P
 (E) B - Agriculture Officer - S

Directions for Questions 77 – 81: Read the following information to answer the questions given below.

- (i) A, B, C, D, E, F and G are sitting in a circle facing the centre.
 (ii) E is the neighbour of A and D.
 (iii) G is the immediate neighbour of C and D.
 (iv) F is to the immediate right of A.
 (v) One person sits between F and C.

Directions for Questions 72 – 76: Study the following passage carefully and answer the questions given below it.

Seven friends: A, B, C, D, E, F and G work as Economist, Agriculture Officer, IT Officer, Terminal Operator, Clerk, Forex Officer and Research Analyst, for banks L, M, N, P, Q, R and S, but not necessarily in the same order. C works for Bank N and is neither a Research Analyst nor a Clerk. E is an IT Officer and works for Bank R. A works

- as a Forex Officer and does not work for Bank L or Q. The one who is an Agriculture Officer works for Bank M. The one who works for Bank L works as a Terminal Operator. F works for Bank Q. G works for Bank P as a Research Analyst. D is not an Agriculture Officer.
77. Which of the following persons are not sitting adjacent to each other?
 (A) BA (B) CB (C) DE
 (D) GD (E) None of these
78. Which of the following pairs has the second person sitting immediately to the right of the first?
 (A) AB (B) CB (C) EA
 (D) DG (E) None of these

79. What is the position of F?
 (A) Third to the left of C
 (B) Second to the right of C
 (C) To the immediate left of A
 (D) To the immediate left of E
 (E) None of these
80. Who are the neighbours of B?
 (A) A and F (B) C and D
 (C) F and C (D) A and E
 (E) Data inadequate
81. Which of the following people are sitting adjacent to each other from left to right, in the order as shown?
 (A) B, G and C (B) F, B and C
 (C) C, D and G (D) E, D and G
 (E) None of these

Directions for Questions 82 – 86: Read the given information and answer the given questions:

A, B, C, D, E, F, G and H are eight friends having different professions, viz. doctor, lawyer, politician, dietician, painter, musician, architect and engineer, sitting around a circular table. A sits third to the right of the dietician. D sits second to the left of G. G is not an immediate neighbour of the dietician. Only one person sits between B, who is the musician, and the dietician. The one who is an architect sits third to the right of the musician. The one who is an architect sits third to the musician. H sits between the architect and the engineer. E is not an immediate neighbour of H. The engineer sits third to the right of the lawyer. Only one person sits between the painter and F. E is neither a painter nor a doctor.

82. Which of the following is true with respect to the given seating arrangement?
 (A) E is the immediate neighbour of the dietician.
 (B) The doctor is the immediate neighbour of H.
 (C) The politician is the immediate neighbour of the architect.
 (D) The lawyer is second to the left of the musician.
 (E) G sits between the musician and the dietician.
83. What is the profession of H?
 (A) Dietician (B) Doctor
 (C) Lawyer (D) Politician
 (E) Architect
84. Who is the architect?
 (A) A (B) F (C) C
 (D) D (E) E

85. Who sits third to the left of the doctor?
 (A) H (B) C (C) E
 (D) A (E) D
86. Who amongst the following is the doctor?
 (A) A (B) B (C) H
 (C) D (E) F

Directions for Questions 87 – 89: In each of the following questions, there are two statements followed by two conclusions I and II. Consider the given statements to be true even if they are inconsistent with the known facts and then decide which of the given conclusions logically follow(s) from the given statements.

Mark your answer as below:

- (A) if only I follows
 (B) if only II follows
 (C) if either I or II follows
 (D) if neither I nor II follows
 (E) if both I and II follow

87. Statements:

All foxes are alligators.
 Some alligators are jackals.

Conclusions:

- I. Some foxes are jackals.
 II. All foxes are jackals.

88. Statements:

Some linear are circular.
 No circular is triangular.

Conclusions:

- I. All triangular are linear.
 II. Some triangular are linear.

89. Statements:

All labourers are wrestlers.
 All grocers are labourers.

Conclusions:

- I. All grocers are wrestlers.
 II. Some wrestlers are grocers.

Directions for Questions 90 – 92: The following questions are based on the five three-digit numbers given below:

813 564 479 385 792

90. If the positions of the first and the second digits within each number are interchanged, which of the following will be the lowest number?
 (A) 813 (B) 479 (C) 564
 (D) 385 (E) 792
91. Which of the following is the second digit of the second lowest number?
 (A) 1 (B) 7 (C) 6
 (D) 8 (E) 9

92. Which of the following is the sum of the first and the third digits of the second highest number?
(A) 11 (B) 13 (C) 9
(D) 8 (E) None of these
93. What will come in place of the question mark (?) in the following series?
BE, DJ, FO, ?, JY
(A) FJ (B) LO (C) HT
(D) PT (E) VY
94. The question is based on the series given below.
1 @ Z X O* P E & % 7 8 J ^ 6 U R F 8 5 #
Which of the following pairs is the odd one out?
(A) O* (B) E& (C) 6U
(D) F5 (E) @Z
95. Which of the following options will replace the question mark (?) in the given series?
ABC, FGH, KLM, PQR, ?
(A) RST (B) STU
(C) UVW (D) TUV
(E) WXY

Directions for Questions 96 – 100: In the following questions, the symbols @, ©, %, \$ and * are used with the given meanings as illustrated.

P © Q means 'P is not greater than Q'.

'P * Q' means 'P is not smaller than Q'.

'P % Q' means 'P is neither greater than nor equal to Q'.

'P \$ Q' means 'P is neither smaller than nor equal to Q'.

'P @ Q' means 'P is neither greater than nor smaller than Q'.

In each of the following questions, assuming the given statements to be true, find out which of the three conclusions I, II and III given below them is/are definitely true.

96. **Statements:**
J \$ D, D © K, K % R
Conclusions:
I. R \$ J
II. R \$ D
III. K \$ J
(A) None is true
(B) Only I is true
(C) Only II is true
(D) Only III is true
(E) Only II and III are true

97. **Statements:**
M * K, K @ R, R % N
Conclusions:
I. R % M
II. R @ M
III. N \$ K
(A) Only I is true
(B) Only II is true
(C) Only III is true
(D) Either I or II is true
(E) Only III and either I or II are true

98. **Statements:**
B % H, H \$ J, J * M
Conclusions:
I. B % J
II. M % B
III. H \$ M
(A) None is true
(B) Only I is true
(C) Only II is true
(D) Only III is true
(E) Only II and III are true

99. **Statements:**
Z © K, K % E, E @ R
Conclusions:
I. R \$ K
II. Z % E
III. R \$ Z
(A) Only I is true
(B) Only I and II are true
(C) Only I and III are true
(D) Only II and III are true
(E) All I, II and III are true

100. **Statements:**
W @ M, M © R, R \$ F
Conclusions:
I. F % M
II. R * W
III. W % F
(A) None is true
(B) Only I is true
(C) Only II is true
(D) Only III is true
(E) Only I and II are true

IBPS Clerical (Prelims) Mock Test – 5

English Language (30 Questions)

Directions for Questions 1 – 10: Read the following passage to answer the given questions.

All this time, Dorothy and her companions had been walking through the thick woods. The road was still paved with yellow brick, but these were covered by dried branches and dead leaves from the trees, and the walk was very tedious.

There were, but a few birds in this part of the forest, for birds love the open country where there is plenty of sunshine. But now and then, there came a deep growl from some wild animal hidden among the trees. These sounds made the little girl's heart beat fast, for she did not know what made them; but Toto knew, and he walked close to Dorothy's side, and did not even bark in return.

'How long will it be,' the child asked of the Tin Woodman, 'before we are out of the forest?'

'I cannot tell,' was the answer, 'for I have never been to the Emerald City. But my father went there once, when I was a boy, and he said it was a long journey through a dangerous country, although nearer to the city where Oz dwells, the country is beautiful. But I am not afraid so long as I have my oil-can, and nothing can hurt the Scarecrow, while you bear upon your forehead the mark of the Good Witch's kiss, and that will protect you from harm.'

'But Toto!' said the girl anxiously. 'What will protect him?'

'We must protect him ourselves if he is in danger,' replied the Tin Woodman.

Just as he spoke, there came from the forest a terrible roar, and the next moment a great Lion bounded into the road. With one blow of his paw, he sent the Scarecrow spinning over and over to the edge of the road, and then he struck at the Tin Woodman with his sharp claws. But to the Lion's surprise, he could make no impression on the tin, although the Woodman fell over in the road and lay still.

Little Toto, now that he had an enemy to face, ran barking towards the Lion, and the great beast had opened his mouth to bite the dog, when Dorothy, fearing Toto would be killed, and heedless of danger, rushed forward and slapped the Lion on his nose as hard as she could, while she cried out:

'Don't you dare bite Toto! You ought to be ashamed of yourself, a big beast like you, to bite a poor little dog!'

1. Dorothy along with her companions was in
 - (A) the Emerald City
 - (B) a dense forest
 - (C) a dangerous country
 - (D) an open country
 - (E) the magic forest
2. Why were there fewer birds?
 - (A) It was a scary place.
 - (B) There was little sunshine.
 - (C) There were no people.
 - (D) The Lion used to live there.
 - (E) It was an open country.
3. Dorothy was scared because
 - (A) she was alone
 - (B) the Lion was furious
 - (C) she saw someone hiding behind the trees
 - (D) she did not have any weapon
 - (E) she heard loud roars time and again
4. What according to the Tin Woodman will protect the Scarecrow?
 - (A) Toto
 - (B) His lucky charm
 - (C) Tin Woodman
 - (D) The mark of the Good Witch's kiss
 - (E) None of these
5. Dorothy slapped the Lion on the nose because
 - (A) the Lion was shameless
 - (B) the Lion was being arrogant
 - (C) the Lion was dangerous
 - (D) she wanted to scare the Lion
 - (E) she wanted to protect Toto
6. Which of the following words means the same as 'plenty'?
 - (A) Packed
 - (B) Shining
 - (C) Abundant
 - (D) Lack
 - (E) Supply
7. Which of the following words means the same as 'sharp'?
 - (A) Quick
 - (B) Spiky
 - (C) Clean
 - (D) Noisy
 - (E) Dirty
8. Which of the following words means the same as 'still'?
 - (A) Joyful
 - (B) Bumping
 - (C) Speaking
 - (D) Motionless
 - (E) Hidden
9. Which of the following words means the opposite of 'tedious'?
 - (A) Solid
 - (B) Small
 - (C) Easy
 - (D) Laborious
 - (E) Difficult

10. Which of the following words means the opposite of 'dangerous'?
- (A) Unsafe (B) Risky
(C) Tricky (D) Complicated
(E) Secure

Directions for Questions 11 – 15: Read the following passage having some numbered blanks. Choose the best option to fill the numbered blanks to complete the passage.

King Vikram sat in his court for hours every day, ___11___ the virtuous, punishing the evil doers, and encouraging ___12___, poets, musicians and artists. During such ___13___, numerous people came to meet him. They brought for him gifts of jewels, gold and other ___14___ things.

Among such visitors was a beggar who, on every visit, presented the king with a fruit. The king accepted his humble gift with the same ___15___ of courtesy with which he would have accepted a diamond from a rich merchant.

11. (A) fining (B) rewarding
(C) entertaining (D) testing
(E) liking
12. (A) people (B) instruments
(C) researcher (D) scholars
(E) investors
13. (A) reunions (B) get-together
(C) parties (D) sessions
(E) seminars
14. (A) important (B) trivial
(C) cheap (D) inexpensive
(E) precious
15. (A) method (B) technique
(C) system (D) flash
(E) show

Directions for Questions 16 – 20: Each of the following sentences tests your ability to recognise grammar and usage errors. The sentence contains either a single error or no error at all. The sentence does not contain more than one error. The error, if there is one, is underlined and lettered. If the sentence contains an error, select the one underlined part that must be changed to make the sentence correct. If the sentence is correct, select (E). In choosing your answer, follow the requirements of standard written English.

16. (a) Although some teachers (b) are superior
(c) from others, the success of a class depends
(d) to a greater extent on the students' efforts.
(e) No error
- (A) (a) (B) (b) (C) (c)
(D) (d) (E) (e)

17. While in conversation (a) with a high ranking military officer (b) he told me that (c) at the headquarters nothing (d) was known. (e) No error
- (A) (a) (B) (b) (C) (c)
(D) (d) (E) (e)

18. (a) The students (b) who absent from the classes (c) generally cut a sorry figure (d) in the examination. (e) No error
- (A) (a) (B) (b) (C) (c)
(D) (d) (E) (e)

19. (a) On seeing the policeman, the culprit (b) started running (c) away and the policeman (d) ran for him. (e) No error
- (A) (a) (B) (b) (C) (c)
(D) (d) (E) (e)

20. (a) There is very (b) little difference between (c) an university and (d) a college. (e) No error
- (A) (a) (B) (b) (C) (c)
(D) (d) (E) (e)

Directions for Questions 21 – 25: Fill the blanks in each of the following sentences with the most appropriate option.

21. In many of our Himalayan towns, especially the ones that still have army cantonments, it is not _____ to find the graves of British soldiers who _____ in the imperial army.
- (A) exceptional, dealt
(B) remarkable, provided
(C) uncommon, served
(D) bizarre, offered
(E) noteworthy, supplied
22. One day _____ working in the fields, Jethro _____ a sound in the woods.
- (A) during, reads (B) although, catch
(C) since, listens (D) while, heard
(E) though, detects
23. The Indian renewable _____ space has suddenly become a _____ for large companies and investors, who want to tap the country's potential.
- (A) power, popular (B) energy, hotspot
(C) force, interesting (D) activity, attraction
(E) strength, intriguing
24. Every _____ has its own laws of ethics, which every professional must _____ by or be ready to face severe implications.
- (A) profession, abide
(B) employer, follow
(C) teacher, endure
(D) moral, support
(E) society, stand

25. The authorities ordered the _____ of all local stores indefinitely to _____ them from vandalism during the riots.
 (A) inauguration, exhibit
 (B) opening, refuse
 (C) shutdown, protect
 (D) closure, defend
 (E) termination, save

Directions for Questions 26 – 30: Rearrange the following six sentences 1, 2, 3, 4, 5 and 6 in the proper sequence to form a meaningful paragraph; and then answer the questions given below them.

1. Suddenly the lion got up with anger and looked for the one who had disturbed its nice sleep.
2. Then it saw a small mouse standing trembling with fear.
3. Once upon a time, there lived a lion in a forest.
4. The lion jumped on it and tried to kill it.
5. After a while, there came a mouse and it started to play on the lion's stomach.
6. One day after a heavy meal, it was sleeping under a tree.

26. What should be the first line of the given passage?
 (A) 1 (B) 2 (C) 3
 (D) 5 (E) 6
27. What should be the fifth line of the given passage?
 (A) 1 (B) 2 (C) 3
 (D) 4 (E) 5
28. What should be the second line of the given passage?
 (A) 2 (B) 3 (C) 4
 (D) 5 (E) 6
29. What should be the third line of the given passage?
 (A) 1 (B) 2 (C) 3
 (D) 4 (E) 5
30. What should be the sixth line of the given passage?
 (A) 1 (B) 2 (C) 3
 (D) 4 (E) 5

Numerical Aptitude (35 Questions)

Directions for Questions 31 – 35: What will come in place of question mark (?) in the following questions?

31. $(6666 \div 60) + (895 \div 25) + (3661 \div 25) = ?$
 (A) 239.34 (B) 293.34
 (C) 239.43 (D) 293.43
 (E) None of these
32. $3.05\% \text{ of } 1200 + 6.4\% \text{ of } 800 = ?$
 (A) 36.6 (B) 51.2
 (C) 87.8 (D) 14.6
 (E) None of these
33. $27.28 + 2.2 + 4.7 \times 1.5 = ?$
 (A) 18.85 (B) 19.25
 (C) 18.75 (D) 19.45
 (E) None of these
34. $450 \times 374 \div 44 + 12.5 = ?$
 (A) 3837.5 (B) 4561.5
 (C) 2852.5 (D) 3652.5
 (E) 3775.5
35. $(8888 \div 40) + (785 \div 45) + (6448 \div 25) = ?$
 (A) 497.56 (B) 439.34
 (C) 620.21 (D) 339.34
 (E) None of these

Directions for Questions 36 – 40: What approximate value should come in place of the question mark (?) in the following questions? (You are not expected to find out the exact value.)

36. $9228.789 - 5021.832 + 1496.989 = ?$
 (A) 5100 (B) 6500
 (C) 6000 (D) 5700
 (E) 5800
37. $39\% \text{ of } 695 = 10\% \text{ of } ?$
 (A) 2800 (B) 2400
 (C) 3200 (D) 3100
 (E) 2500
38. $1524.79 \times 19.92 + 495.26 = ?$
 (A) 33,000 (B) 78,535
 (C) 31,000 (D) 26,575
 (E) 34,000
39. $25646/245 + 124 \times 210 - 4410 = ?$
 (A) 21735 (B) 21630
 (C) 27735 (D) 29731
 (E) None of these
40. $5\frac{1}{3} \times 7\frac{2}{5} - 3\frac{1}{3} \times 6\frac{1}{4} = \frac{1}{8} \times (?)$
 (A) 150 (B) 140
 (C) 125 (D) 175
 (E) 200

Directions for Questions 41 – 45: Choose the correct alternative that will continue the same pattern in the given series.

41. 30, 24, 19, 15, 12, ____
 (A) 9 (B) 8 (C) 10
 (D) 7 (E) 11
42. 4, 6, 16, 54, ____
 (A) 280 (B) 232 (C) 228
 (D) 224 (E) None of these
43. 4, 10, 33, 136, ___, 4116
 (A) 822 (B) 534 (C) 685
 (D) 745 (E) 548
44. 7, 13, 23, 41, 75, ____
 (A) 139 (B) 141 (C) 143
 (D) 145 (E) 147
45. 40, 40, 31, 31, 22, 22, 13, ___, ____
 (A) 13, 4 (B) 13, 5
 (C) 4, 13 (D) 9, 4
 (E) 4, 4
46. P and Q are two different mouth fresheners prepared by mixing supari and saunf in the ratios 9 : 4 and 9 : 17, respectively. If equal quantities of these mouth fresheners are mixed to form a third kind of mouth freshener R, find the ratio of saunf and supari in R.
 (A) 27 : 25 (B) 25 : 27
 (C) 13 : 9 (D) 15 : 27
 (E) 18 : 21
47. The price of an old furniture set was reduced by 12% during the off-season. The new price was further discounted by 15% due to lack of good response. After two weeks, when the item did not attract any customers, its price was again reduced by another 20%. On the whole, determine the total discount on the old furniture set.
 (A) 47% (B) 37.5%
 (C) 38.44% (D) 40.16%
 (E) 48%
48. If the difference between compound interest and simple interest on a certain amount for two years is Rs. 7.35 and the rate of interest is 7%, then find the principal.
 (A) Rs. 1500 (B) Rs. 1400
 (C) Rs. 1200 (D) Rs. 1300
 (E) None of these
49. If the compound interest on a certain sum for two years at 20% p.a. is Rs. 44, then what will be the simple interest on the same sum at the same rate for 2 years?

- (A) Rs. 40 (B) Rs. 42
 (C) Rs. 43 (D) Rs. 44
 (E) Rs. 45

50. Gaurav spends 40% of the amount he received from his father on hostel expenses, 20% on books and stationery, and 50% of the remaining on transport. He saves Rs. 450, which is half the remaining amount after spending on hostel expenses, books etc. and transport. How much money did he get from his father?
 (A) Rs. 3000 (B) Rs. 6000
 (C) Rs. 4500 (D) Cannot be determined
 (E) None of these
51. The average marks of 3 students A, B and C are 48. Another student D joins the group and the new average becomes 44 marks. If yet another student E, who has 3 marks more than D, joins the group, the average of the 4 students B, C, D and E becomes 43 marks. Find the marks scored by A.
 (A) 25 (B) 32 (C) 39
 (D) 49 (E) 47
52. The average of a group of 75 numbers is 50. If the first number is increased by 1, the second is increased by 2 and the third is increased by 3 and so on, i.e. the n^{th} number is increased by n , what is the new average?
 (A) 50 (B) 75 (C) 88
 (D) 98 (E) 101
53. The average of four consecutive odd numbers is 36. Which is the smallest of these numbers?
 (A) 31 (B) 35 (C) 43
 (D) 47 (E) None of these
54. Austin can do a piece of work in 9 days, while Berkley can do it in double that time. Mike can only do $\frac{3}{4}$ as much work as Austin in one day. How long will Austin, Berkley and Mike require, working together, to do the same work?
 (A) 4 days (B) 5 days
 (C) 6 days (D) 2 days
 (E) 3 days
55. A tank can be filled by two taps A and B in 12 minutes and 16 minutes, respectively. When full, the tank can be emptied by a discharge tap C in 8 minutes only. If all the taps are turned on at the same time, the tank will be full in
 (A) 20 min (B) 28 min
 (C) 36 min (D) 40 min
 (E) 48 min

56. If two different types of sugar costing Rs. 13 per kg and Rs. 15 per kg are mixed in the ratio 2 : 3, find the cost of the resulting mixture.

(A) Rs. 14.80 (B) Rs. 13.60
(C) Rs. 14.20 (D) Rs. 15.40
(E) Rs. 12.40

57. A thief was running away from a cop in a car at the speed of 36 km/hr. The cop shot a bullet at him. The speed of the bullet was 260 m/s at that point of time. The thief was at a distance of 125 m. How much time will the thief get to dodge the bullet?

(A) 0.46 s (B) 2 s
(C) 0.5 s (D) 0.48 s
(E) 0.42 s

58. A man drives for 10 hours; the first half of the distance at 21 kmph and the second at 24 kmph. Find the distance travelled.

(A) 200 km (B) 222 km
(C) 224 km (D) 236 km
(E) 248 km

59. A railway passenger counts the telegraph posts along the line as he passes them. If the poles are 50 metres apart and the train is going at 48 km per hour, how many posts will he cross per minute?

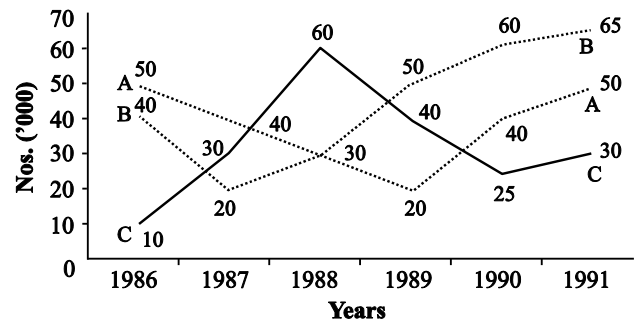
(A) 16 (B) 20 (C) 24
(D) 30 (E) 32

60. Two friends, Lakhwinder and Vinod are to meet at a place 24 km from their place of residence. Lakhwinder owns a bike, which will give him an average speed of 12 kmph more than Vinod, and so he agrees to give Vinod a start of 2 hours and arrives at the destination 12 minutes after Vinod. How fast does each travel?

(A) 25 kmph and 12 kmph
(B) 23 kmph and 14 kmph
(C) 20 kmph and 8 kmph
(D) 8 kmph and 13 kmph
(E) None of these

Directions for Questions 61 – 64: Study the graph carefully and answer the questions that follow:

Sale of three Brands of Cycles
(Nos. '000s)



61. In which of the following years was the sale of total number of cycles of all the three brands taken together the lowest?
(A) 1986 (B) 1987
(C) 1989 (D) 1988
(E) None of these

62. In which of the following years were the sales of cycles of brands A and B exactly the same?
(A) 1986 (B) 1987
(C) 1988 (D) 1989
(E) None of these

63. In which of the following years was the sale of brand C equal to one-fourth of that of brand B?
(A) 1986 (B) 1988
(C) 1989 (D) 1987
(E) None of these

64. The sale of cycles of brand A in 1988 was what percent of the sale of cycles of brand B in 1990?
(A) 25% (B) 100%
(C) 75% (D) 50%
(E) None of these

65. A man buys a dog and a sheep for Rs. 4,500. He sells the dog at a profit of 20% and the sheep at a profit of 5%. Find the cost price of the dog, if his overall profit on both the bargains is 17.5%.
(A) Rs. 3,000 (B) Rs. 3,250
(C) Rs. 3,750 (D) Rs. 4,000
(E) None of these

Reasoning Aptitude (35 Questions)

66. If in a certain language, GAMBLE is coded as FBLCKF, then how is FLOWER coded in that language?

(A) GKPVFQ (B) EMNXDS
(C) GMPVDS (D) HNQYGT
(E) EKNVDQ

Directions for Questions 67 – 68: Study the following information to answer the given questions.

In a certain code,

‘more money in market’ is written as ‘zo li aa to’

‘share in market profit’ is written as ‘vo to je li’

‘making more profit now’ is written as ‘su je zo ka’

‘now the market gains’ is written as ‘do li yo su’

67. Which of the following is the code for 'market'?
- (A) su (B) li (C) yo
(D) do (E) yo or do
68. Which of the following is the code for 'making the money'?
- (A) su li yo (B) li zo aa
(C) yo su ka (D) ka li yo
(E) Data insufficient
69. Pointing to a photograph, Rasika said, 'He is the grandson of my grandmother's only son.' How is the boy in the photograph related to Rasika?
- (A) Son (B) Nephew
(C) Brother (D) Cannot be determined
(E) None of these
70. If 'A + B' means 'A is father of B', 'A × B' means 'A is wife of B' and 'A ÷ B' means 'A is mother of B', which of the following options means 'P is grandmother of S'?
- (A) $P \div Q + R \times S$ (B) $P + Q \times R + S$
(C) $P \div R + Q \times S$ (D) $P \div R + S \times Q$
(E) None of these
71. Pointing to Manju, Gaurav said, 'She is the wife of the only son of my father's father.' How is Manju related to Gaurav?
- (A) Mother (B) Sister
(C) Aunt (D) Sister-in-law
(E) Daughter
72. Ramakant walks northwards. After a while, he turns to his right and a little further to his left. Finally, after walking a distance of one kilometre, he turns to his left again. In which direction is he moving now?
- (A) North (B) South
(C) East (D) West
(E) None of these

Directions for Questions 73 – 78: Read the passage carefully and give answers to the questions that follow:

Aisha, Akira, Anne, Amy, and Audrey have a total of 5 pens, each of a different colour – Brown, Golden, Red, Green, and Yellow. Each one of them has one pen. Yellow pen is not owned by Audrey and Anne. Aisha has a red pen. Golden pen is owned neither by Amy nor by Akira. Audrey has a brown coloured pen.

73. Anne has a pen of which colour?
- (A) Brown (B) Golden
(C) Green (D) Red
(E) Neither Brown nor Golden
74. Who has a yellow pen?
- (A) Amy
(B) Akira

- (C) Either Amy or Akira
(D) Anne
(E) Cannot be determined

75. Identify the statement that is definitely true.
- (A) Anne has a brown pen.
(B) Anne has a golden pen.
(C) Amy has a green pen.
(D) Amy has a red pen.
(E) None of these
76. Identify the correct combination of girl and colour of pen.
- (A) Amy – red (B) Akira – yellow
(C) Anne – golden (D) Either (A) or (B)
(E) Both (A) and (B)
77. Identify the correct statement.
- (A) Aisha has a golden pen.
(B) Akira has a yellow pen.
(C) Amy does not have a yellow pen.
(D) Audrey has a yellow pen.
(E) None of these
78. Which girl has green coloured pen?
- (A) Aisha (B) Akira
(C) Amy (D) Audrey
(E) Data insufficient

Directions for Questions 79 – 83: Study the following information and answer the questions given below:

M, N, P, R, T, W, F and H are sitting around a circle facing the centre. P is third to the left of M and second to the right of T. N is second to the right of P. R is second to the right of W, who is second to the right of M. F is not an immediate neighbour of P.

79. Who is to the immediate right of P?
- (A) H (B) F (C) R
(D) Data inadequate (E) None of these
80. Who is to the immediate right of H?
- (A) R (B) F (C) N
(D) Data inadequate (E) None of these
81. Who is to the immediate left of R?
- (A) P (B) H (C) W
(D) T (E) Data inadequate
82. Who is third to the right of H?
- (A) T (B) W (C) R
(D) F (E) Data inadequate
83. Who is second to the right of F?
- (A) M (B) R (C) T
(D) Data inadequate
(E) None of these

Directions for Questions 84 – 87: Read the following information and answer the questions that follow:
Raman, Aman, Chaman, Sajan and Karan are sitting in a row.

1. Aman is not sitting at any end.
2. Chaman is sitting to the left of Aman.
3. At least two persons are sitting to the left of Karan.
4. Sajan is at one end.
5. Raman is sitting to the left of Chaman.
6. Karan is not sitting at any end.

84. Who is sitting at the leftmost end?
(A) Raman (B) Karan
(C) Aman (D) Chaman
(E) Sajan
85. How many persons are there between Karan and Raman?
(A) 0 (B) 1 (C) 2
(D) 3 (E) Cannot say
86. Which of the following options is/are not correct?
(A) Raman is sitting adjacent to Chaman.
(B) Aman is sitting adjacent to Sajan.
(C) Karan is sitting adjacent to Aman.
(D) Sajan is at the rightmost end.
(E) All of the above
87. Who is sitting at the centre?
(A) Raman (B) Karan
(C) Aman (D) Chaman
(E) Sajan

Directions for questions 88 – 91: Study the given arrangement and answer the given questions.

A \$ B # 9 G 3D K « M ? C Q 2 X 7 P 5 U 8 I 4 Y ? J

88. How many elements in the above arrangement are both immediately preceded and immediately followed by a number?
(A) 1 (B) 2 (C) 3
(D) 5 (E) None of these
89. In the above arrangement, which of the following will be the fifteenth element from the left end if all the numbers are arranged in descending order from left to right, keeping the position of the other elements in the arrangement unchanged?
(A) 5 (B) 4 (C) 7
(D) 8 (E) None of these
90. How many letters in the arrangement are immediately followed by a symbol?
(A) 2 (B) 5 (C) 4
(D) 3 (E) None of these

91. Which of the following will be eighth to the left of the twelfth from the left end of the arrangement?
(A) # (B) 7 (C) U
(D) 9 (E) None of these

Directions for Questions 92 – 96: The questions are based on the five 3-digit numbers given below:
786 512 343 216 961

92. If the first and the last digits of each of the numbers are interchanged, then which number will become the greatest?
(A) 216 (B) 343 (C) 512
(D) 786 (E) 961
93. If the second and the third digits of each of the numbers are interchanged, then which number will be the second least?
(A) 343 (B) 786 (C) 512
(D) 216 (E) 961
94. If the first and the second digits of each of the numbers are interchanged, then what is the sum total of the digits of the greatest number?
(A) 22 (B) 21 (C) 20
(D) 19 (E) None of these
95. If all the digits in each of the numbers are added, then what will be the square of the highest sum?
(A) 256 (B) 100 (C) 441
(D) 484 (E) 512
96. What would be the cube of the middle digit of the number obtained as the difference between the highest number and the lowest number?
(A) 343 (B) 125 (C) 512
(D) 961 (E) None of these

Directions for Questions 97 – 100: In the following questions, the symbols @, ©, \$, # and * are used with the given meanings as illustrated below.

P \$ Q means P is not smaller than Q.

P # Q means P is neither smaller than nor greater than Q.

P © Q means P is neither greater than nor equal to Q.

P @ Q means P is not greater than Q.

P * Q means P is neither smaller than nor equal to Q.

In each of the following questions, assuming the given statements to be true, find out which of the two conclusions I and II given below them is/are **definitely true**.

Mark your answer as below:

- (A) if only conclusion I is true
- (B) if only conclusion II is true
- (C) if either conclusion I or II is true
- (D) if neither conclusion I nor II is true
- (E) if both the conclusions are true

97. **Statements:**
V # T, T * R, D @ T
Conclusions:
I. D # V
II. D © V

98. **Statements:**
M © R, R @ K, K # T
Conclusions:
I. M © T
II. T # M

99. **Statements:**
H \$ F, D * F, M @ D
Conclusions:
I. H # M
II. M * D

100. **Statements:**
B @ R, R © N, N \$ K
Conclusions:
I. R * K
II. N © B

English Language (30 Questions)

Directions for Questions 1 – 10: Read the passage given below and answer the following questions.

There lived once in a forest, an old man and an old woman. And all they had in the world was one rabbit and one jaguar.

They kept the rabbit in a cage. One day, the jaguar came to the cage: ‘Oh, rabbit..? Conejo..? The old man and the old woman are preparing a pan of hot water. They are going to eat you. They are going to give some to me.’

‘Oh no,’ said Conejo. ‘No indeed. They are going to make hot chocolate. And if you come in the cage with me, they will bring some for you, Jaguar.’

Jaguar opened the door of the cage and slinked inside. With a hop and a skip, Rabbit was out of the cage and away through the door of the house.

Jaguar waited there, and waited there, and waited there some more...

‘I’ve been duped! There is no hot chocolate!’

Jaguar leapt out of the cage and out through the door, and through the forest he went looking for where Conejo had gone. He went through the forest until he came to the mountain. And there in the side of the mountain was a cave. Inside the cave, there was Conejo.

‘You tricked me! You, Conejo!’

‘Who, I?’ said Conejo. ‘You must be talking about some other rabbit. I am making my house here. But see how I am holding up the walls? If I do not hold them up, they will fall down. I must go and find a stick to prop up the walls. Jaguar, would you not help me by putting your paws against the walls of my house?’

Jaguar slinked into the cave and put his strong paws against the walls of the cave.

With a hop and a skip, Conejo was out of the cave and away into the forest.

Jaguar waited there, and waited there, and waited there some more.

He waited there, and he waited there, longer than before...

‘I’ve been tricked!’

Jaguar leapt out of the cave and away through the forest, looking for Conejo.

He stopped somewhere and listened. He could hear Conejo laughing - ‘Ha, ha, ha, ha, ha. Hee, hee, hee, hee, hee!’ - at how he had tricked Jaguar.

Jaguar crept closer and spied on Conejo. He was hanging from an elastic vine, bouncing up and down, laughing with glee.

Jaguar prepared to pounce and landed with his paws upon Conejo, pressing him down to the ground. Conejo wriggled and wriggled, and popped with the spring of the elastic flying high into the air – high, high into the sky he flew, until Conejo landed on the moon. And there Conejo remains: lying on his back on the moon. And they say that

if you gaze up at the moon when it is full and red, you see Conejo there still, lying on his back and laughing at how he tricked Jaguar.

1. What is a valid title for the story?
(A) The Clever Rabbit
(B) The Foolish Jaguar
(C) The Rabbit and the Jaguar
(D) The Clever Jaguar
(E) The Foolish Rabbit
2. Which of these is/are true about the jaguar?
(A) The jaguar and the rabbit were faithful friends.
(B) The jaguar loved the rabbit.
(C) The jaguar succeeded in fooling the rabbit.
(D) All of these
(E) None of these
3. Which of these best describes the rabbit?
(A) He was a clever animal who became a victim of the jaguar’s tricks every time.
(B) He was a foolish animal who became a victim of the jaguar’s tricks every time.
(C) He was a clever animal who saw through the jaguar’s tricks every time.
(D) He was a foolish animal who saw through the jaguar’s tricks every time.
(E) None of these
4. How did the rabbit react when he succeeded in fooling the jaguar?
(A) He hung from an elastic vine, hopped here and there and danced with glee.
(B) He hung from an elastic vine, roamed here and there and sang with glee.
(C) He hung from an elastic vine, bounced up and down and joked with glee.
(D) He hung from an elastic vine, bounced up and down and laughed with glee.
(E) None of these
5. What did the rabbit do when he was finally caught by the jaguar?
(A) He wriggled and wriggled, and popped with the spring of the elastic flying high into the water – high, high into the sky he flew, until he landed on the moon.
(B) He wriggled and wriggled, and popped with the spring of the elastic flying high into the air – high, high into the sky he flew, until he landed on the sun.

- (C) He wriggled and wriggled, and popped with the spring of the elastic flying high into the air – high, high into the sky he flew, until he landed on the moon.
 (D) He wriggled and wriggled, and popped with the spring of the elastic flying high into the water – high, high into the sky he flew, until he landed on the sun.
 (E) None of these

6. Which of the following means the opposite of 'landed' as used in the passage?
 (A) Pounced (B) Walked
 (C) Soared (D) Arrived
 (E) Departed

7. Which of the following words means the same as 'slinked' as used in the passage?
 (A) Sneaked (B) Walked
 (C) Roamed (D) Stopped
 (E) None of these

8. Which of the following words means the opposite of 'glee' as used in the passage?
 (A) Happiness (B) Joyfulness
 (C) Gratitude (D) Sadness
 (E) Gloating

9. Which of the following means the same as 'duped' as used in the passage?
 (A) Clapped (B) Tricked
 (C) Pleased (D) Fined
 (E) Lied

10. Which of the following means the same as 'prop up' as used in the passage?
 (A) Cut (B) Paste
 (C) Stick (D) Attach
 (E) Support

Directions for Questions 11 – 15: Read the following passage having some numbered blanks. Choose the best option to fill the numbered blanks to complete the passage.

A few months ago, I was walking to the local post office to __11__ a letter to a friend of mine. As I started down the sidewalk to the door, I saw, not one, not two, but four separate one rupee coins shining in the sunlight. I smiled, bent __12__, and picked them up. I kept them in my hand as I __13__ into the post office. Inside, a lady was digging through her purse at the counter, desperately looking for some __14__ to mail a package to her daughter. She was exactly four rupees short. I laughed to myself at this minor miracle and __15__ my coins from heaven on the counter. The smile I got in return was worth a thousand rupees.

11. (A) parcel (B) give

- (C) take (D) mail
 (E) deliver
 12. (A) forward (B) up
 (C) from (D) straight
 (E) down

13. (A) ran (B) tumbled
 (C) jumped (D) walked
 (E) pushed

14. (A) candies (B) change
 (C) keys (D) papers
 (E) documents

15. (A) collected (B) returned
 (C) placed (D) registered
 (E) introduced

Directions for Questions 16 – 20: Read each sentence to find out whether there is any grammatical error in it. The error, if any, will be in one part of the sentence. The letter of that part is the answer. If there is no error, the answer is (E), i.e. 'No error'. (Ignore the errors of punctuation, if any.)

16. (A) There came a
 (B) point in our life where
 (C) we really have to consider
 (D) our lifestyle
 (E) No error

17. (A) The play was staged in the central
 (B) courtyard of the school and benches
 (C) were joined in
 (D) make a temporary stage
 (E) No error

18. (A) This guy seemed best
 (B) than the most I meet on my
 (C) daily commute between
 (D) office and home
 (E) No error

19. (A) Usually, I use
 (B) the break to catch up
 (C) on my telephone calls
 (D) for the day
 (E) No error

20. (A) But today, I feel that something important
 (B) is going to happen and all these thought
 (C) buzzing around in my
 (D) head are making me dizzy
 (E) No error

Directions for Questions 21 – 25: Rearrange the following six sentences 1, 2, 3, 4, 5 and 6 in the proper sequence to form a meaningful paragraph; and then answer the questions given below them.

1. The school was an unpretentious, single-storied, brick building.
 2. The children sat on mats on the floor and used low wooden stools to write on.
 3. Bina and Adil came from neighbouring villages.
 4. There was just a small wooden table with a chair for the teacher.
 5. It boasted of no great furniture.
 6. They went to the same school which lay on a patch of land between the two villages.
21. Which of the following should be the SECOND sentence after rearrangement?
(A) 2 (B) 3 (C) 4
(D) 6 (E) 1
 22. Which of the following should be the FIFTH sentence after rearrangement?
(A) 4 (B) 1 (C) 3
(D) 6 (E) 2
 23. Which of the following should be the SIXTH (LAST) sentence after rearrangement?
(A) 3 (B) 6 (C) 5
(D) 2 (E) 1
 24. Which of the following should be the FOURTH sentence after rearrangement?
(A) 6 (B) 2 (C) 4
(D) 1 (E) 5
 25. Which of the following should be the FIRST sentence after rearrangement?
(A) 3 (B) 1 (C) 5
(D) 6 (E) 4
- Directions for Questions 26 – 30:** In each question below, a sentence with four words printed in bold type is given. These are labelled as (A), (B), (C) and (D). One of these four words printed in bold may be either wrongly spelt or inappropriate in the context of the sentence. Find out the word which is wrongly spelt or inappropriate, if any. The letter of that word is your answer. If all the words printed in bold are correctly spelt and also appropriate in the context of the sentence, mark (E), i.e. 'All correct' as your answer.
26. This **comes** four months **after** PM Narendra Modi and the **France** President Francois Hollande signed a **memorandum** of understanding to purchase the jets.
(A) comes (B) after
(C) France (D) memorandum
(E) All correct
 27. With a stellar **performance** in fourth quarter **of** 2015-16, Infosys **has** beaten analyst **forecast** for the fourth straight quarter.
(A) performance (B) of (C) has
(D) forecast (E) All correct
 28. The students **would** be travelling **from** Patna to Delhi **on** June 5, **via** Bihar Express.
(A) would (B) from (C) on
(D) via (E) All correct
 29. This decision **was** taken **mutually** by us as his name **are** getting sullied in a **controversy** which is not in his control.
(A) was (B) mutually
(C) are (D) controversy
(E) All correct
 30. About 900 families have **moved into**, but civil and electrical **work** in many **apartments** is still incomplete, according **to** the residents.
(A) moved into (B) work
(C) apartments (D) to
(E) All correct

Numerical Ability (35 Questions)

Directions for Questions 31 – 35: What approximate value should come in place of the question mark (?) in the following questions? (Note: You are not expected to calculate the exact value.)

31. $6075 \div 9.02 - 670.03 + 125.33 = ?$
(A) 108 (B) 130
(C) 118 (D) 113
(E) 123
32. $\frac{340}{20.002} \div \frac{29.997}{510} \times \frac{179.909}{59.919} = ?$
(A) 760 (B) 800
(C) 690 (D) 870
(E) 780
33. $\frac{7}{9}$ of $8264.5 + 4856.22 = ?$
(A) 11283 (B) 11284
(C) 13000 (D) 13010
(E) 13021
34. $\sqrt[3]{68321} \times (81 \div 2) = (?)^2$
(A) 41 (B) 51 (C) 61
(D) 71 (E) 81
35. $5\frac{1}{3} \times 7\frac{2}{5} - 3\frac{1}{3} \times 6\frac{1}{4} = \frac{1}{8} \times (?)$
(A) 150 (B) 140 (C) 125
(D) 175 (E) 200

Directions for Questions 36 – 40: In each of the following questions, two equations numbered I and II are given. You have to solve both the equations and then choose the correct option.

36. I. $x^2 - 7x + 12 = 0$
 II. $y^2 - 12y + 32 = 0$
 (A) $x > y$
 (B) $x \geq y$
 (C) $x < y$
 (D) $x \leq y$
 (E) $x = y$ or the relationship cannot be established
37. I. $2x^2 + 11x + 14 = 0$
 II. $4y^2 + 12y + 9 = 0$
 (A) $x > y$
 (B) $x \geq y$
 (C) $x < y$
 (D) $x \leq y$
 (E) $x = y$ or the relationship cannot be established
38. I. $x^2 - 4 = 0$
 II. $y^2 + 6y + 9 = 0$
 (A) $x > y$
 (B) $x \geq y$
 (C) $x < y$
 (D) $x \leq y$
 (E) $x = y$ or the relationship cannot be established
39. I. $x^2 + 3x - 40 = 0$
 II. $y^2 - 2y - 80 = 0$
 (A) $x < y$ (B) $x \leq y$
 (C) $x > y$ (D) $x \geq y$
 (E) None of these
40. I. $x^2 - 4x + 3 = 0$
 II. $y^2 - 7y + 12 = 0$
 (A) $x > y$
 (B) $x \geq y$
 (C) $x < y$
 (D) $x \leq y$
 (E) $x = y$ or the relationship cannot be established

Directions for Questions 41 – 44: Complete the given series:

41. 7, 6, 10, 8, 13, 10, ?, ?
 (A) 11, 13 (B) 13, 15
 (C) 16, 12 (D) 14, 16
 (E) None of these
42. 0, 257, 515, 774, ?
 (A) 1034 (B) 1264
 (C) 1122 (D) 1564
 (E) None of these

43. 1, 6, 17, 36, ?, 106
 (A) 72 (B) 68 (C) 56
 (D) 49 (E) None of these
44. 1, 5, 14, 39, 88, ?
 (A) 209 (B) 210 (C) 208
 (D) 232 (E) None of these
45. The present ages of Nitish, Manish and Rohit are in the ratio 5 : 6 : 11. Seven years later, the sum of their ages is equal to 87. Find the respective present ages of Nitish, Manish and Rohit.
 (A) 15, 18, 33 (B) 15, 19, 34
 (C) 16, 18, 34 (D) 15, 20, 36
 (E) None of these
46. Six litres of wine is drawn from a cask full of wine. The cask is filled with water. Six litres of the mixture is again drawn and the cask is filled with water. The ratio of quantity of wine left in the cask to that of water is 25 : 24. How much mixture can the cask hold?
 (A) 26 litres (B) 21 litres
 (C) 25 litres (D) 32 litres
 (E) None of these
47. A invested Rs. 76,000 in a business. After a few months, B joined him with Rs. 57,000. At the end of the year, the total profit was divided between them in the ratio 4 : 1. After how many months did B join?
 (A) 8 months (B) 4 months
 (C) $39/4$ months (D) 3 months
 (E) None of these
48. A can contains 4.6 litres of sugar-water solution that contains 24 percent sugar. If 2.8 litres of the solution spills out and the can is filled to capacity with water, what percent of the resulting solution in the can is sugar?
 (A) 7.8% (B) 7.2%
 (C) 8.4% (D) 8.8%
 (E) None of these
49. Deepika sells her goods 10% cheaper than Nidhi and 10% dearer than Gurpreet. If a customer of Nidhi purchases goods worth Rs. 100 from Gurpreet, how much will he save?
 (A) $20\frac{1}{2}\%$ (B) $22\frac{2}{9}\%$
 (C) $25\frac{1}{4}\%$ (D) $22\frac{3}{7}\%$
 (E) 25%
50. A sum of money was invested in a bank at 6% p.a. simple interest for 2 years. If it had been invested in mutual fund at the rate of 8% p.a. simple interest for 4 years, the earning would

have been Rs. 1000 more. What is the sum invested?

- (A) Rs. 4500 (B) Rs. 5000
(C) Rs. 3500 (D) Rs. 5500
(E) Rs. 6000

51. A person earns Rs. 25,000 per month. He spends 20% of it on clothing and 25% on food. If he spends 30% of the remaining salary on miscellaneous items and saves the rest, find the amount saved by him.

- (A) Rs. 9500 (B) Rs. 9625
(C) Rs. 9700 (D) Rs. 9725
(E) Rs. 9800

52. In an election, $\frac{3}{5}$ th of the voters promised to vote for X and the rest promised to vote for Y. Out of these, on the last day, 15% of the voters went back on their promise to vote for X and 25% of the voters went back on their promise to vote for Y and X won by 22 votes. The total number of votes for X is

- (A) 51 (B) 110 (C) 73
(D) 61 (E) None of these

53. A baseball team, which played 60 games, won 30% of its games played. After a phenomenal winning streak, this team raised its average to 50%. How many games must the team have won in order to attain this average?

- (A) 18 (B) 20 (C) 24
(D) 26 (E) None of these

54. A student's marks were wrongly entered as 93, instead of 63. Due to that, the average marks of the class increased by 0.75. The number of students in the class is

- (A) 40 (B) 30 (C) 20
(D) 10 (E) 22

55. A father can do a job as fast as 2 of his sons working together. If one of the sons can do the job in 3 hours, while the other one takes 6 hours for the same, in how much time can the father do the job alone?

- (A) 18 hours (B) 1 hour
(C) 4.5 hours (D) 2 hours
(E) 3 hours

56. A tap can fill a cistern in 2 hours and another tap can empty the cistern in 3 hours. How long will it take to fill the cistern if both the taps are opened together?

- (A) 5 hours (B) 6 hours
(C) 7 hours (D) 8 hours
(E) 9 hours

57. The ratio between the rates of travelling of A and B is 2 : 3 and therefore, A takes 10 minutes more than the time taken by B to reach a destination. If A had walked at double the speed, he would have covered the distance in

- (A) 18 min (B) 20 min
(C) 25 min (D) 15 min
(E) 30 min

58. The average weight of 20 boys in a class is 51 kg and that of the remaining 10 boys is 45 kg. Find the average weight of all the boys in the class.

- (A) 49 kg (B) 48 kg
(C) 51 kg (D) 45 kg
(E) None of these

59. A person can swim downstream at the speed of 6 kmph and upstream at the speed of 2 kmph. What is his speed of swimming in still water?

- (A) 5 kmph (B) 3 kmph
(C) 4 kmph (D) 6 kmph
(E) 7 kmph

60. Ankit is standing on a 180 m railway platform. He observes that a train crosses the platform in 20 seconds and him in 8 seconds. The speed of the train is

- (A) 54 km/hr (B) 50 km/hr
(C) 52 km/hr (D) 62 km/hr
(E) 60 km/hr

Directions for Questions 61 – 65: The pie chart over here shows the total number of goals scored by different clubs in European League.



61. What percent of the total number of goals is scored by Chelsea?

- (A) 29.32% (B) 28.66%
(C) 26.42% (D) 29.56%
(E) None of these

62. What is the angle corresponding to the goals scored by Barca in European League?
 (A) 52° (B) 76° (C) 32°
 (D) 22° (E) None of these
63. What is the difference between the total number of goals scored by Chelsea, Real Madrid and Barca, and the total number of goals scored by Liverpool and Wolfsburg?
 (A) 49 (B) 47 (C) 48
 (D) 44 (E) None of these
64. What is the difference between the angles of the total number of goals scored by Liverpool to the total number of goals scored by Real Madrid? (Take angles to the nearest whole.)
 (A) 42° (B) 46° (C) 53°
 (D) 37° (E) None of these
65. The number of goals scored by Wolfsburg is more than the number of goals scored by Real Madrid by what percent?
 (A) 42.48% (B) 44.66%
 (C) 46.82% (D) 43.12%
 (E) None of these

Reasoning Ability (35 Questions)

66. If HELLO is coded as SVOOL, then how will SOLID be coded?
 (A) USLBE (B) HLORW
 (C) TPMGE (D) HLOWR
 (E) None of these
67. In a code language, 'alpha beta phai' means 'machine is running', 'phai kappa theata alpha' means 'bus is not running' and 'theata phai gamma alpha' means 'car is not running'. Which code word is used for 'bus' in that language?
 (A) alpha (B) beta
 (C) phai (D) kappa
 (E) gamma
68. In a certain code, DON is written as '\$#@' and READ is written as '&%c\$'. How is DARE written in that code?
 (A) @#\$% (B) &\$c%
 (C) \$&%c (D) \$c&%
 (E) None of these
69. Pointing to a boy, Mira said, 'He is the son of my father-in-law's only son.' How is the boy related to Mira?
 (A) Son (B) Brother
 (C) Nephew (D) Husband
 (E) Son-in-law
70. Pointing towards Sumita, Megha said, 'I am the daughter of the only son of her paternal grandfather.'
 How is Megha related to Sumita?
 (A) Sister (B) Mother
 (C) Daughter (D) Niece
 (E) Cousin
71. A boy walked straight for 20 km to the market in the North direction. He turned left and walked 10 km, turned right and walked 5 km, then again turned right and walked 4 km. Finally, he turned right and walked 15 km. In which direction is he facing now?
 (A) North (B) East
 (C) West (D) South
 (E) Cannot be determined
72. A man starts his journey, facing the sun, early in the morning. He then turns right and walks 2 km. Again, he walks 3 km after turning right. In which direction is he facing now?
 (A) North-East (B) North
 (C) West (D) South
 (E) South-West
- Directions for Questions 73 – 77:** Answer the given questions based on the following information.
- Dheeraj, Mamta, Yogesh and Suresh are travelling by Air India flight to London on four adjacent seats, not necessarily in the same order. The ticket numbers are 091, 062, 073 and 084, again not necessarily in the same order. One of these is a company secretary, one is a doctor, one is an engineer and one is a film artist. The doctor is seated between those holding tickets numbered 091 and 062. The film artist holds the ticket numbered 073 and has two others between himself and the engineer. The only neighbour of Yogesh is Dheeraj, who is not a company secretary. Suresh and the company secretary sit on the adjacent seats and neither of them holds ticket numbered 062 or 084.
73. Dheeraj holds ticket numbered
 (A) 062 (B) 073 (C) 084
 (D) 091 (E) None of these
74. Mamta holds ticket numbered
 (A) 062 (B) 073 (C) 084
 (D) 091 (E) None of these

75. Yogesh holds ticket numbered
(A) 062 (B) 073 (C) 084
(D) 091 (E) None of these
76. Suresh is a/an
(A) company secretary
(B) doctor
(C) engineer
(D) film artist
(E) None of these
77. Mamta is a/an
(A) company secretary
(B) doctor
(C) engineer
(D) film artist
(E) None of these

Directions for Questions 78 – 80: Study the following information carefully and answer the given questions.

P, Q, R, S, T, U, V and W are sitting around a circle facing the centre, but not necessarily in the same order. Q sits second to left of W's husband. No female is an immediate neighbour of Q. S's daughter sits second to right of U. U is the sister of V. U is not an immediate neighbour of W's husband. Only one person sits between P and U. P is the father of V. W's brother S sits to the immediate left of W's mother. Only one person sits between W's mother and T. Only one person sits between W and V. V is the mother of R. V is not an immediate neighbour of T.

78. What is the position of P, with respect to his mother-in-law?
(A) Immediate left (B) Third to the right
(C) Third to the left (D) Second to the right
(E) Fourth to the left
79. Who among the following is S's daughter?
(A) Q (B) R (C) T
(D) V (E) W
80. What is the position of P with respect to his grandchild?
(A) Immediate right (B) Third to the right
(C) Third to the left (D) Second to the left
(E) Fourth to the left

Directions for Questions 81 – 82: Study the following information carefully and answer the given questions.

A, B, C, D, E, F, G and H are sitting around a circle facing the centre, but not necessarily in the same order.

- B sits second to left of H's husband. No female is an immediate neighbour of B.
- D's daughter sits second to right of F. F is the sister of G. F is not an immediate neighbour of H's husband.

- Only one person sits between A and F. A is the father of G. H's brother D sits to the immediate left of H's mother. Only one person sits between H's mother and E.
- Only one person sits between H and G. G is the mother of C. G is not an immediate neighbour of E.

81. Who among the following is H's husband?
(A) A (B) C (C) D
(D) None of these (E) Cannot be determined
82. Four of the following five are alike in a certain way based on the given information and so form a group. Which is the one that does not belong to that group?
(A) F (B) C (C) E
(D) H (E) G

Directions for the Questions 83 – 87: Read the following instructions and answer the questions that follow:

- (1) A, B, C, D, E, F and G are seven boys standing, facing towards North.
- (2) B is at the same place from the right as C is from the left.
- (3) E is the middle boy.
- (4) A is not at any of the extreme ends, but is next to B.
- (5) F is 3rd to the right of E, who is the neighbour of G.

83. Who is the left neighbour of G?
(A) C (B) B (C) E
(D) A (E) Inadequate data
84. Which of the following is to the extreme right?
(A) G (B) F (C) D
(D) A (E) None of these
85. Which of the following are neighbours?
(A) D and G (B) C and G
(C) E and B (D) D and F
(E) None of these
86. Which of the following is between A and G?
(A) B (B) C (C) D
(D) None of these (E) F
87. Which of the following is the correct order?
(A) D, B, G, E, A, C, F
(B) D, C, A, E, G, B, F
(C) D, C, G, E, A, B, F
(D) F, C, G, E, A, B, D
(E) None of these

Directions for Questions 88 – 90: In each question below, two statements are given followed by four conclusions numbered I, II, III and IV. You have to take

the two given statements to be true even if they seem to be at variance from the commonly known facts. Read the given statements and the conclusions, and then decide which of the conclusions logically follow(s) from the two given statements, disregarding the commonly known facts.

88. **Statements:**

- (i) All switches are connectors.
- (ii) All connectors are cables.

Conclusions:

- I. All switches are cables.
- II. Some cables are connectors.
- III. Some cables are switches.
- IV. All cables are switches.
- (A) Only I and II follow.
- (B) Only III and IV follow.
- (C) All follow.
- (D) Only II, III and IV follow.
- (E) Only I, II and III follow.

89. **Statements:**

- (i) Some grapes are apples.
- (ii) Some apples are mangoes.

Conclusions:

- I. Some grapes are mangoes.
- II. No grape is mango.
- III. All grapes are mangoes.
- IV. All mangoes are grapes.
- (A) Either I or IV follows.
- (B) Either II or IV follows.
- (C) Either II or III follows.
- (D) Either I or II follows.
- (E) Only I follows.

90. **Statements:**

- (i) Some ACs are fans.
- (ii) All fans are cans.

Conclusions:

- I. All ACs are cans.
- II. Some ACs are cans.
- III. Some fans are ACs.
- IV. All cans are ACs.
- (A) Only I and IV follow.
- (B) Only II and III follow.
- (C) All follow.
- (D) None follows.
- (E) Only II, III and IV follow.

Directions for Questions 91 – 92: The questions are based on the following set of numbers:

386 874 697 469 731

91. If in each number, 1 is added to the first digit and the positions of the second and the third digits are interchanged, which number will be the largest?

- (A) 386
- (B) 874
- (C) 697
- (D) 469
- (E) 731

92. If in each number, the positions of the first and the second digits are interchanged and then the numbers are arranged in descending order, which number will be the smallest?

- (A) 731
- (B) 469
- (C) 697
- (D) 874
- (E) 386

93. All the students of a class are standing in a row. Deepa is standing at the 10th position from the left and Firoz is standing at the 5th place from the right. Gautam is at the 6th place from Firoz and Ambar is standing at the 7th position from Deepa. If Gautam and Ambar interchange their positions, Ambar will be at the 24th position from the left. What is the total number of students in the class?

- (A) 38
- (B) 34
- (C) 35
- (D) 33
- (E) 31

94. Study the following arrangement and answer the given question.

S D G 6 J Q 7 4 H M K L 1 O U 9 3 Z R

Which of the following is the odd one out based on the above arrangement?

- (A) J Q 6
- (B) 1 O K
- (C) G 6 S
- (D) 4 H Q
- (E) 3 Z U

95. Complete the following series:

M, O, R, V, A, G, _____

- (A) H
- (B) I
- (C) K
- (D) D
- (E) N

Directions for Questions 96 – 100: In the following questions, the symbols \$, @, %, & and # are used with the following meanings:

A \$ B means A is greater than B.

A @ B means A is either greater than or equal to B.

A % B means A is equal to B.

A & B means A is less than B.

A # B means A is either less than or equal to B.

Now in each question, choose the correct alternative for the given statements and conclusions.

96. **Statements:**

P @ Q, M # N, N & Q

Conclusions:

- 1. P \$ M
- 2. N # P
- (A) Only 1 is true.
- (B) Only 2 is true.
- (C) Either 1 or 2 is true.
- (D) Neither 1 nor 2 is true.
- (E) Both 1 and 2 are true.

97. **Statements:**
D & X, F @ Y, D \$ F
Conclusions:
1. X @ Y
2. Y # D
(A) Only 1 is true.
(B) Only 2 is true.
(C) Either 1 or 2 is true.
(D) Neither 1 nor 2 is true.
(E) Both 1 and 2 are true.

98. **Statements:**
M & P, S \$ T, M @ T
Conclusions:
1. S % M
2. T & P
(A) Only 1 is true.
(B) Both 1 and 2 are true.
(C) Either 1 or 2 is true.
(D) Neither 1 nor 2 is true.
(E) Only 2 is true.

99. **Statements:**
U % V, X \$ W, U & W
Conclusions:
1. W \$ V
2. U & X
(A) Only 1 is true.
(B) Only 2 is true.
(C) Either 1 or 2 is true.
(D) Neither 1 nor 2 is true.
(E) Both 1 and 2 are true.

100. **Statements:**
G \$ H, J # K, H % K
Conclusions:
1. H \$ J
2. J % H
(A) Only 1 is true.
(B) Only 2 is true.
(C) Either 1 or 2 is true.
(D) Neither 1 nor 2 is true.
(E) Both 1 and 2 are true.

IBPS Clerical (Prelims) Mock Test – 7

English Language (30 Questions)

Directions for Questions 1 – 10: Read the passage given below and answer the following questions.

All snakes are hunters and predators, feeding on the animals and sometimes their eggs. Having no limbs, snakes cannot hold their preys down to bite; hence, they usually swallow them whole. Poisonous snakes sometimes do immobilise their preys with their venom to make consumption easier. It is truly a myth that poisonous snakes attack humans for food. Humans are too large for snakes to gulp down and that is why they can never make humans their prey to satiate their hunger. In cases where snakes do bite, these attacks are usually defensive ones and the venom injected is normally little or sometimes even none. The full fatal dose of the venom is only released on smaller animals which the snakes can swallow easily. Besides helping in the killing and immobilising of their prey, the poison also acts as a digestive agent for snake. Why then is the venom so deadly? In general, there are three kinds of poison in the venom, though in varying amounts, depending on the type of snake in question. Venoms usually contain substances that weaken the blood corpuscles and the lining of the blood vessels. Profuse bleeding, often a common result of snake-bites, is caused by the anticoagulants present in the poison which prevents blood clotting. The paralysis of the heart and respiratory muscles is performed by the nervous system attacking toxins.

Though these bites are deadly, certain actions can be taken to slow down the spread of the venom; hence, saving the victim's life. Attempting to incise and suck at the spot of the bite is more likely to be harmful than a cure. The poisonous venom usually travels fast into the body upon being released; hence, sucking at the mouth of the wound will not help remove the poison, rather, incising the bite may lead the victim to great pain and further profuse bleeding. Instead, a broad, firm crepe bandage should be applied over the wound and up the full limb to compress the tissues and prevent the spread of the venom. After which, the victim must be duly sent to the hospital for professional treatment.

Accurate statistics of the incidence of snakebite and its morbidity and mortality throughout the world do not exist; however, it is certainly higher than what is reported. This is because even today most of the victims initially approach traditional healers for treatment and many are not even registered in the hospital.

1. Which of the following statements is not true about snakes?
 - (A) Some of the snakes have limbs.
 - (B) Snakes bite humans for self-defence.
 - (C) Snakes are hunters.
 - (D) Snakes feed on both animals and their eggs.
 - (E) Venom helps them to digest food.
2. In what way does poison help snakes the most?
 - (A) They use it to digest their prey.
 - (B) They inactivate their prey with it.
 - (C) They can scare away large animals with it.
 - (D) Venom keeps snakes active.
 - (E) It doesn't let their blood clot.
3. Snakes swallow their prey whole because
 - (A) they like it
 - (B) they are unable to grip their prey
 - (C) it facilitates their consumption
 - (D) they are lethargic
 - (E) they have to eat as fast as they can
4. Limb 'implies'
 - (A) an arm or leg of a person or an animal
 - (B) an arm or leg of a child
 - (C) an arm or leg of a human being
 - (D) venom of a snake
 - (E) None of these
5. Snake venom
 - (A) helps in keeping the prey in place
 - (B) causes choking and heart attack
 - (C) stops blood from flowing in the veins
 - (D) should be sucked out of the victim's body
 - (E) is primarily used to attack/repel humans
6. Humans can never be snakes' target for food because
 - (A) snakes are afraid of humans
 - (B) humans are too big in size to be poisoned by a small amount of venom
 - (C) snakes dislike the taste of humans
 - (D) snakes cannot swallow them whole
 - (E) snakes only eat rats and frogs
7. Choose the option that means similar to 'myth' as used in the passage.
 - (A) doubt
 - (B) lie
 - (C) truth
 - (D) dream
 - (E) fact
8. Choose the option that means similar to 'fatal' as used in the passage.
 - (A) simple
 - (B) strong
 - (C) low
 - (D) complete
 - (E) deadly

9. Choose the option that is opposite in meaning to 'prevent' as used in the passage.
 (A) avoid (B) cause
 (C) remove (D) agree
 (E) like
10. Choose the option that is opposite in meaning to 'harmful' as used in the passage.
 (A) poisonous (B) fearful
 (C) easy (D) safe
 (E) risky

Directions for Questions 11 – 15: Read the following passage having some numbered blanks. Choose the best option to fill the numbered blanks to complete the passage.

There was once a merchant who ___11___ many carpenters and masons to build a temple in his garden. ___12___, they would start work in the morning and take a break for the mid-day meals, and return to resume work till evening. One day, a group of monkeys ___13___ at the site of the building and watched the workers leaving for their mid-day meals. One of the carpenters was ___14___ a huge log of wood. Since it was only half-done; he placed a wedge in between to ___15___ the log from closing up.

11. (A) employed (B) to force
 (C) begging (D) dragged
 (E) to ask
12. (A) Frequent (B) Rarely
 (C) On a day (D) Regularly
 (E) Therefore
13. (A) left (B) jumping
 (C) arrived (D) sitting
 (E) watched
14. (A) carrying (B) lugging
 (C) eating (D) moving
 (E) sawing
15. (A) cause (B) prevent
 (C) cure (D) ignore
 (E) help

Directions for Questions 16 – 20: Rearrange the following six sentences 1, 2, 3, 4, 5 and 6 in the proper sequence to form a meaningful paragraph; and then answer the questions given below them.

1. It took much wisdom to answer these questions.
2. He often asked questions which were strange and witty.
3. Emperor Akbar was in the habit of putting riddles and puzzles to his courtiers.
4. The courtiers were dumbfounded by his question.
5. Once he asked a very strange question.

6. It was at this moment that Birbal entered the courtyard.
16. What should be the first line of the given passage?
 (A) 1 (B) 2 (C) 3
 (D) 5 (E) 6
17. What should be the fourth line of the given passage?
 (A) 2 (B) 3 (C) 1
 (D) 4 (E) 5
18. What should be the second line of the given passage?
 (A) 3 (B) 4 (C) 2
 (D) 5 (E) 6
19. What should be the sixth line of the given passage?
 (A) 6 (B) 2 (C) 3
 (D) 4 (E) 1
20. What should be the fifth line of the given passage?
 (A) 5 (B) 4 (C) 3
 (D) 1 (E) 2

Directions for Questions 21 – 25: In each question below, a sentence with four words printed in bold type is given. These are labelled as (A), (B), (C) and (D). One of these four words printed in bold may be either wrongly spelt or inappropriate in the context of the sentence. Find out the word which is wrongly spelt or inappropriate, if any. The letter of that word is your answer. If all the words printed in bold are correctly spelt and also appropriate in the context of the sentence, mark (E), i.e. 'All correct' as your answer.

21. On what is the **meaning** of feminism, most people, **including** women, **claims** it is about **equality**.
 (A) meaning (B) including
 (C) claims (D) equality
 (E) All correct
22. The line **among** demographic dividend and demographic **disaster** is getting **dangerously** thin **for** India.
 (A) among (B) disaster
 (C) dangerously (D) for
 (E) All correct
23. Southern Europe, Balkan states and Bosnia in **particular**, were home for **advanced** civilizations from the **distant** past and we have no written **records** about them.
 (A) particular (B) advanced
 (C) distant (D) records
 (E) All correct
24. Scientists have **maid** huge strides in understanding the physical and biological **dimensions** of climate change, from **deciphering** why climate has

changed in the past to predicting **how** it might change in the future.

- (A) maid (B) dimensions
(C) deciphering (D) how
(E) All correct

25. Greenland's **massive** ice sheet this week started melting **freakishly** early, thanks to a **weather** system that brought unseasonably **warm** temperatures and rain.

- (A) massive (B) freakishly
(C) weather (D) warm
(E) All correct

Directions for Questions 26 – 30: Read each sentence to find out whether there is any grammatical error in it. The error, if any, will be in one part of the sentence. The letter of that part is the answer. If there is no error, the answer is (E), i.e. 'No error'. (Ignore the errors of punctuation, if any.)

26. (A) As James lands, he finds
(B) his parents, which have come
(C) all the way from Tokyo to pick him up,
(D) waiting for him in the lobby
(E) No error

27. (A) From honking cars to music from
(B) the neighbourhood weddings, the decibel
(C) demons have pulled the noise
(D) levels in the city to an uncomfortable high
(E) No error

28. (A) The best bet for a swift response
(B) over a faulty products or service is
(C) to drag it to social media
(D) the people's court in this digital age
(E) No error

29. (A) Many foods are now
(B) being touted as the
(C) smart way to get the
(D) best nutrition available to mankind
(E) No error

30. (A) He lacks professional expertise
(B) had a patchy track record and
(C) has not shown much inclination
(D) to resolve things amicably
(E) No error

Numerical Ability (35 Questions)

Directions for Questions 31 – 35: What will come in place of the question mark (?) in each of the following questions?

31. $\sqrt{33124} \times \sqrt{2601} - (37)^2 = (32)^2 + (?)^2$
(A) 81 (B) 82 (C) 83
(D) 84 (E) None of these

32. $18\% \text{ of } 450 - 75\% \text{ of } 96 = ?$
(A) 15 (B) 22 (C) 12
(D) 16 (E) 9

33. $3003 \times 88 - 12936 = 112 \times ?$
(A) 2244 (B) 2245
(C) 2246 (D) 2247
(E) None of these

34. $\sqrt{12544} \times \sqrt{4225} - (63)^2 = (?) + (46)^2$
(A) 1384 (B) 1295
(C) 1195 (D) 1915
(E) None of these

35. $145 \times ? + 4 = 22479$
(A) 145 (B) 155 (C) 153
(D) 167 (E) None of these

Directions for Questions 36 – 40: What approximate value will come in place of the question mark (?) in the following questions? (You are not expected to calculate the exact value.)

36. $6999 \div 70.005 \times 94.998 = ? \times 19.999$
(A) 475 (B) 420 (C) 320
(D) 540 (E) 525

37. $89.988\% \text{ of } 699.9 + 50.002\% \text{ of } 999.99 - 170.015 = ?$
(A) 990 (B) 900 (C) 920
(D) 960 (E) 860

38. $\frac{150}{17} \times \frac{199}{13} \div \frac{16}{91} = ?$
(A) 650 (B) 700 (C) 770
(D) 820 (E) 850

39. $(560 + 321) \times (720 - 699) / 16 = ?$
(A) 1165 (B) 1177
(C) 1190 (D) 1156
(E) 1186

40. $12\frac{2}{3} \times 2\frac{1}{6} + 5\frac{1}{3} = 9\frac{7}{18} + ?$
(A) $23\frac{7}{18}$ (B) $26\frac{7}{18}$
(C) $34\frac{7}{18}$ (D) $42\frac{7}{18}$
(E) $123\frac{7}{18}$

Directions for Questions 41 – 45: What will come in place of the question mark (?) in each of the following number series?

41. 22, 26, 38, 58, 86, ?
 (A) 116 (B) 124 (C) 122
 (D) 128 (E) None of these
42. 3, 38, 417, 3752, 26263, ?
 (A) 131312 (B) 131313
 (C) 131314 (D) 131315
 (E) 131316
43. 4000 800 ? 80 40 8
 (A) 140 (B) 100 (C) 400
 (D) 160 (E) 200
44. 121, 232, 353, 484, 5125, ?
 (A) 6196 (B) 6186
 (C) 6136 (D) 6176
 (E) 7167
45. 128, 110, 90, ?, 44
 (A) 56 (B) 68 (C) 70
 (D) 72 (E) 74
46. Nine-elevenths of one number is equal to three-sevenths of another number. What is the respective ratio of the first number to the second number?
 (A) 21 : 11 (B) 11 : 12
 (C) 11 : 21 (D) 21 : 12
 (E) 22 : 11
47. A vessel is full of mixture of spirit and water with 18% spirit. Eight litres are drawn out and then the vessel is filled with water. If the spirit is now 15%, how much does the vessel hold?
 (A) 45 litres (B) 48 litres
 (C) 49 litres (D) 50 litres
 (E) 60 litres
48. Two shopkeepers Jagan and Rex have 30 cars in their showrooms. Both sell their cars at different prices, but receive the same amount. If Jagan had sold his cars at Rex's price, he would have received Rs. 32 lakh. If Rex had sold his cars at Jagan's price, he would have received Rs. 24.5 lakh. At what price did Rex sell each of his cars?
 (A) Rs. 2.6 lakh (B) Rs. 2.0 lakh
 (C) Rs. 1.4 lakh (D) Rs. 1.2 lakh
 (E) Can't say
49. A certain principal amounts to Rs. 6,050 at the end of two years compounded annually and to Rs. 6,655 at the end of three years. Find the principal and the rate of interest.
 (A) Rs. 5200 and 9%
 (B) Rs. 5000 and 10%
 (C) Rs. 5550 and 10%
 (D) Rs. 5320 and 8%
 (E) Rs. 5000 and 9%
50. If the price of a commodity is decreased by 25% and the sale is increased by 20%, what is the net effect?
 (A) 8% decrease (B) 8% increase
 (C) 10% decrease (D) Cannot be determined
 (E) None of these
51. What is the highest possible number whose value remains less than 605, even when increased by 10% twice successively?
 (A) 450 (B) 449 (C) 469
 (D) 499 (E) 500
52. The average runs scored by Virat Kohli in his last 25 innings is 52.36. The statistic man by mistake counted the runs scored in one innings as 42 instead of 24. What is the correct average of runs scored by Virat Kohli in the last 25 innings?
 (A) 51.54 (B) 51.64
 (C) 51.96 (D) 51.97
 (E) 52.36
53. A and B can together finish a piece of work in 50 days. They worked together for 30 days and then B left. The remaining work was done by A alone in 30 more days. In how many days can B alone finish the work?
 (A) 80 days (B) 100 days
 (C) 120 days (D) 125 days
 (E) 150 days
54. B and C together can complete a piece of work in 8 days, A and B together can complete the same work in 12 days and A and C together can complete the same work in 16 days. In how many days can A, B and C together complete the same work?
 (A) $3\frac{9}{13}$ (B) $7\frac{5}{13}$
 (C) $7\frac{5}{12}$ (D) $3\frac{5}{12}$
 (E) None of these
55. Two pipes A and B can fill a tank in 15 hours and 20 hours, respectively. A third pipe C can empty the full tank in 25 hours. All the three pipes are opened in the beginning. After 10 hours, C is closed. In how much time will the tank be full?
 (A) 2 hours
 (B) 3 hours 30 minutes
 (C) 2 hours 30 minutes
 (D) 1 hour
 (E) 3 hours

56. A tank of capacity 25 litres has an inlet tap and an outlet tap. If both the taps are opened simultaneously, the tank is filled in 5 minutes. But if the outlet flow rate is doubled and both the taps are opened, the tank never gets filled up. Which of the following can be the outlet flow rate (in litres/min)?
 (A) 2 (B) 6 (C) 4
 (D) 3 (E) 1
57. A man travelled a certain distance by train at the rate of 25 km per hour and walked back at the rate of 4 km per hour. The whole journey took 5 hours and 48 minutes. How much distance did he travel by train?
 (A) 15 km (B) 20 km
 (C) 25 km (D) 40 km
 (E) 62 km
58. Two trains of lengths 200 m and 250 m are running towards each other on parallel tracks with speeds 36 km/hr and 72 km/hr. In how much time will they cross each other?
 (A) 15 sec (B) 17 sec
 (C) 21 sec (D) 25 sec
 (E) 14 sec
59. A Formula One driver covers some distance at the speed of 60 mph. With what speed should he return, so that his average speed of the total journey comes out to be 120 mph?
 (A) 180 mph (B) 120 mph
 (C) 150 mph (D) 250 mph
 (E) Not possible
60. A boat P travels 40 km upstream from point A to point B in 10 hours and the same distance from point B to point A downstream in 5 hours. Another boat Q can travel 30 km upstream from point A to point C in 5 hours. At 10 am, P starts from A and goes towards B. At the same time, Q starts from C and proceeds towards A. At what time will they meet each other?
 (A) 12 noon (B) 12:05 p.m.
 (C) 12:08 p.m. (D) 12:15 p.m.
 (E) 12:20 p.m.

Directions for Questions 61 – 65: Study the following information carefully and answer the given questions. Below are given distances travelled by different trucks on different days and for different places

Distance travelled by different trucks to different places on different days						
Days/Trucks	P	Q	R	S	T	U
Monday	40	50	20	25	30	40
Tuesday	20	64	80	14	18	14
Wednesday	24	94	30	12	10	25
Thursday	24	90	10	78	60	75
Friday	66	20	88	92	70	68
Saturday	92	84	60	74	80	42

61. What is the average distance travelled by truck S?
 (A) 44.6 (B) 49.1
 (C) 44.3 (D) 59.1
 (E) 74.3
62. What is the speed of truck S on Friday when the time taken by truck S on Friday was 8 hours?
 (A) 11.5 km/hr (B) 3.7 km/hr
 (C) 5.5 km/hr (D) 11.9 km/hr
 (E) 10.5 km/hr
63. What is the time taken by truck P (in hours) on Monday, if the speed is 19.2 km/hr?
 (A) 2.08 (B) 2.6 (C) 3.3
 (D) 1.5 (E) 2.5
64. On Tuesday, if trucks R and T started together with the same speed in the same direction, what is the ratio of the time taken by these trucks?
 (A) 18 : 80 (B) 80 : 18
 (C) 16 : 80 (D) 80 : 16
 (E) None of the above
65. What is the total distance covered by all the trucks on Saturday?
 (A) 436 (B) 435 (C) 433
 (D) 432 (E) 404

Reasoning Ability (35 Questions)

66. If in a certain language, CASUAL is coded as GEWYEP, how is PEOPLE coded in that language?
 (A) SHRSO (B) TISTPI
 (C) SIRTOI (D) THSTOI
 (E) PHQPNG

Directions for Questions 67 – 68: Study the following information to answer the given questions:

In a certain code, 'always create new ideas' is written as 'ba ri sha gi', 'ideas and new thoughts' is written as 'fa gi ma ri', 'create thoughts and insights' is written as 'ma jo ba fa' and 'new and better solutions' is written as 'ki ri to fa'.

67. What does 'fa' stand for?
 (A) thoughts (B) insights
 (C) new (D) and
 (E) None of these

68. The code for 'your solution better' is
 (A) ma ri jo (B) zo ki to
 (C) sha ba gi (D) zo li ki
 (E) li zo sha

Directions for Questions 69 – 71: Read the following statements and answer the questions given below:

Radha and Minilal have two children – Simmi and Divya. Divya is married to Anuj, who is the son of Madhu and Jabbal. Resham is the daughter of Anuj. Kiran, who is Anuj's sister, is married to Subodh and has two sons Tarun and Aman. Tarun is the grandson of Madhu and Jabbal.

69. What is the relationship between Aman and Resham?
 (A) Cousins (B) Father – Daughter
 (C) Uncle – Niece (D) Data inadequate
 (E) None of these
70. How is Subodh related to Jabbal?
 (A) Father-in-law (B) Son
 (C) Son-in-law (D) Data inadequate
 (E) None of these
71. How is Kiran related to Divya?
 (A) Sister (B) Daughter
 (C) Grandmother (D) Sister-in-law
 (E) None of these
72. Rohan started walking towards North. After moving 350 m, he took a right turn and walked 200 m. Then again he took a right turn and walked 100 m. Finally, he took one more right turn and walked 200 m. How far is he from the starting point?
 (A) 100 m (B) 250 m
 (C) 300 m (D) 150 m
 (E) 160 m

Directions for Questions 73 – 77: Read the following information and answer the questions given below:

Seven flights namely Jet Airways, British Airways, Delta, Quantas, Emirates, Lufthansa and Air India are scheduled to fly to London. There is only one flight to London on each of the seven days of the week; starting from Monday and ending on Sunday. Delta flies on Wednesday. Air India flies the day next to that of British Airways. British Airways does not fly on Thursday and Friday. Two flights fly between the days of British Airways and Emirates. Quantas flies a day before Lufthansa. Lufthansa flies on Sunday.

73. Which of the following flights flies on Thursday?
 (A) Quantas (B) Lufthansa
 (C) Jet Airways (D) Emirates
 (E) Air India

74. How many flights fly between Lufthansa and Delta?
 (A) Three (B) Two
 (C) Five (D) One
 (E) None
75. If Emirates is related to British Airways and Delta is related to Quantas in a certain way based upon the given flight schedule, then Jet Airways will be related to which of the following based upon the same relationship?
 (A) Quantas (B) Air India
 (C) Delta (D) British Airways
 (E) Lufthansa
76. On which of the following days does Jet Airways fly?
 (A) Thursday (B) Saturday
 (C) Sunday (D) Monday
 (E) Friday
77. If Delta postpones its flights to Sunday due to some technical reasons and all the flights scheduled for Thursday to Sunday are now made to take off a day ahead of the scheduled day, then which of the following flights would now fly on Friday?
 (A) Lufthansa (B) Quantas
 (C) Jet Airways (D) British Airways
 (E) Air India

Directions for Questions 78 – 82: Study the following information carefully to answer the questions.

Eight friends Savita, Radhika, Anita, Nisha, Rani, Jyoti, Neeta and Anjali are sitting around a circle facing the centre. Savita is second to the right of Anjali, but is not a neighbour of Anita. Nisha is third to the left of Anita, but is not next to Savita. Jyoti is second to the right of Rani and third to the left of Neeta.

78. Who is second to the left of Anjali?
 (A) Radhika (B) Rani
 (C) Anita (D) Neeta
 (E) None of these
79. Who is to the immediate right of Nisha?
 (A) Jyoti (B) Radhika
 (C) Neeta (D) Jyoti or Radhika
 (E) None of these
80. Which of the following is the correct position of Rani?
 (A) To the immediate right of Anjali
 (B) To the immediate left of Anjali
 (C) To the immediate right of Savita
 (D) Next to Jyoti
 (E) None of these

81. Which of the following pairs represents the immediate neighbours of Nisha?
 (A) Jyoti and Neeta
 (B) Radhika and Neeta
 (C) Savita and Jyoti
 (D) Radhika and Jyoti
 (E) None of these

82. Who is to the immediate left of Savita?
 (A) Jyoti (B) Anjali
 (C) Rani (D) Neeta
 (E) None of these

Directions for Questions 83 – 86: Study the information given below and answer the questions that follow.

A, B, C, D, E, F and G are sitting in a row facing towards North. F is to the immediate right of E, E is fourth to the right of G, C is the neighbour of B and D, and the person who is third to the left of D is at one of the ends.

83. Who among the following is/are seated to the left of C?
 (A) B (B) G, B and D
 (C) G and B (D) D, E, F and A
 (E) A and B

84. Which of the following statements is not true?
 (A) E is to the immediate left of D.
 (B) A is at one of the ends.
 (C) G is to the immediate left of B.
 (D) F is second to the right of D.
 (E) D is seated in the middle.

85. Who are the immediate neighbours of B?
 (A) C and D (B) C and G
 (C) G and F (D) C and E
 (E) A and C

86. What is the position of A?
 (A) Between E and D
 (B) At the extreme left
 (C) At the centre
 (D) At the extreme right
 (E) Between B and C

Directions for Questions 87 – 90: Study the following arrangement of numbers, letters and symbols carefully and answer the questions given below:

R 4 \$ M E 7 T # A 2 J @ U K 9 P I % 1 8 Q W 3 8 Z 5 □
 N 6 F © V G

87. Which of the following should come in place of question mark (?) in the following series based on the elements in the above arrangement?
 M \$ 7 A # J KUP ?
 (A) 1 % W (B) 1 I Q
 (C) 1 I W (D) 1 % Q
 (E) None of these

88. How many such symbols are there in the above arrangement, each of which is immediately preceded by a consonant and also immediately followed by a vowel?
 (A) None (B) One
 (C) Two (D) Three
 (E) Four

89. How many such numbers are there in the above arrangement, each of which is immediately followed by a consonant but not immediately preceded by a letter?
 (A) None (B) One
 (C) Two (D) Three
 (E) More than three

90. If the positions of twenty-five elements from the right end are reversed, which of the following will be the sixteenth element from the left end?
 (A) Z (B) P (C) W
 (D) Q (E) None of these

Directions for Questions 91 – 95: Each of the questions below has a question followed by two statements numbered I and II. You have to decide whether the data provided in the statements is sufficient to answer the question. Read both the statements and give your answer as

- A. if the data in statement I alone is sufficient to answer the question, while the data in statement II alone is insufficient to answer the question
 B. if the data in statement II alone is sufficient to answer the question, while the data in statement I alone is insufficient to answer the question
 C. if the data in statement I alone or in statement II alone is sufficient to answer the question
 D. if the data in both the statements is not sufficient to answer the question
 E. if the data in both the statements together is necessary to answer the question

91. On which date of the month is Shilpa's birthday?
 I. Her mother correctly remembers that her birthday is between 21st and 27th of July.
 II. Her father correctly remembers that her birth date is a multiple of 5.

92. Who among A, B, C, D, E and F read the book last?
 I. F, who gave the book to B after reading, was third to read the same.
 II. C, who read the book after A, was the third person to read the book before it reached E.

93. In which direction is Bharat facing at the moment?
 I. After walking 5 metres from a point P, Bharat is facing the opposite direction of the sunrise.

- II. Ajay took two consecutive right turns after covering a distance of 6 metres to reach point P.

94. How many children does Bhavuk have?
 I. Chahat and Daksh are the only children of Mayank.
 II. Bhavuk is the son of Arihant.
95. Six persons (A, B, C, D, E and F) are sitting around a circular table. What is E's position?
 I. B sits opposite to C and A sits opposite to F.
 II. F is to the immediate left of B and D is to the left of F.

Directions for Questions 96 – 100: In the following questions, meanings of the symbols are as follows:

'P * Q' means 'P is neither smaller than nor equal to Q'.

'P © Q' means 'P is neither greater than nor equal to Q'.

'P @ Q' means 'P is not greater than Q'.

'P % Q' means 'P is not smaller than Q'.

'P \$ Q' means 'P is neither smaller than nor greater than Q'.

Now in each of the following questions, assuming the given statements to be true, find which of the conclusions given below is/are definitely true. Mark your answer as (A), (B), (C), (D) and (E).

96. **Statements:**
 H @ K, K % D, D \$ B

Conclusions:

- I. H @ B
 II. B @ K
 (A) if only conclusion I is true
 (B) if only conclusion II is true
 (C) if either conclusion I or II is true
 (D) if neither conclusion I nor II is true
 (E) if both conclusions I and II are true

97. **Statements:**
 M % F, F © R, R * K

Conclusions:

- I. K © F
 II. M * R
 (A) if only conclusion I is true
 (B) if only conclusion II is true
 (C) if either conclusion I or II is true
 (D) if neither conclusion I nor II is true
 (E) if both conclusions I and II are true

98. **Statements:**
 A * F, H @ F, M © H

Conclusions:

- I. M © F
 II. A * H
 (A) if only conclusion I is true
 (B) if only conclusion II is true
 (C) if either conclusion I or II is true
 (D) if both conclusions I and II are true
 (E) if neither conclusion I nor II is true

99. **Statements:**
 R © M, M * W, T @ W

Conclusions:

- I. T © M
 II. T © R
 (A) if only conclusion I is true
 (B) if only conclusion II is true
 (C) if either conclusion I or II is true
 (D) if neither conclusion I nor II is true
 (E) if both conclusions I and II are true

100. **Statements:**
 J © K, K @ D, D \$ F

Conclusions:

- I. F * K
 II. F \$ K
 (A) if only conclusion I is true
 (B) if only conclusion II is true
 (C) if either conclusion I or II is true
 (D) if neither conclusion I nor II is true
 (E) if both conclusions I and II are true

IBPS Clerical (Prelims) Mock Test – 8

English Language (30 Questions)

Directions for Questions 1 – 10: Read the passage given below and answer the following questions.

Life had changed for me. I never realized it. Moonlit walk changed into late night strategy workshops. Candlelit dinners turned into business meetings. Sweet and short phone calls with my wife transformed into late-hour teleconferences. Gifts were no more priority as there should be some tangible return for whatever we invest, after all. Spending even \$5 on the bouquet for the Valentine's Day seemed meaningless; you would lose at least half an hour searching for a parking space in the downtown.

Overall there was no respite from the hectic schedule of office and future planning work. Whenever she, in a very mild attempt, tried to express her feelings, I had pre-defined answer, 'these all are for us only, darling' and she used to be quiet for another month or so.

Recently, I had to go to Holland on a business trip for a week. I was working on an important assignment. I didn't have even five minutes to talk to my parents who travelled more than fifteen hundred miles just to meet us. I called her to inform that I had to leave that evening. It was not new to her. It happened on many such times, and every time, in the evening, I found her standing at the door, smiling, with my suitcase packed with all the necessary stuff.

I checked in to Crown Inn in Eindhoven. It was 3 PM. I wanted to rehearse my presentation before I met the senior management. I was sure she would have kept the file in the suitcase. In past, she never missed what I needed, never ever. But I could not control my anger. I opened my leather cased Samsonite and the file was not there!!!

I took out or rather threw clothes one by one on cosy floor of Crown Inn. 'Here it is' phewwww... what a relief. I knew she never missed even the smallest of details. I opened the file. There was something other than what I was looking for, a pink envelope, something similar to what we used to exchange, a long time ago, before our marriage.

1. In what way did the author's life change?
(A) Business affairs replaced the other areas of his life.
(B) He started believing in always being busy.
(C) He could not think about his health anymore.
(D) He was forced to work late nights.
(E) He became wise and realized his mistakes.
2. Gifts were no more priority because
(A) they were thought to be for kids only
(B) the author had nobody to gift
(C) he could not afford them any longer
(D) he would not get anything in return
(E) nobody liked to receive them from him
3. What kept the author from spending \$5 on a bouquet?
(A) He didn't have that much money.
(B) He thought that it was too costly.
(C) He did not want to waste his time in buying it.
(D) There was no parking space in the downtown.
(E) It was too cheap a thing.
4. At Crown Inn, the author was searching for his file because
(A) he was sure that his wife would have forgotten about it
(B) he needed to give it to the senior management
(C) he wanted to know what was in the pink envelope
(D) he wanted it to rehearse for his presentation
(E) there was a present in it for him
5. What according to the passage was 'not new to her'?
(A) Not getting any gifts
(B) The author giving short notice for going on tour
(C) Getting phone calls from the author
(D) Arrival of the author's parents to meet them
(E) Packing bags for the author
6. Choose the correct synonym for 'strategy' as used in the passage.
(A) Planning (B) Control
(C) Formal (D) Slow
(E) Official
7. Choose the correct synonym for 'transformed' as used in the passage.
(A) Moved (B) Build
(C) Freed (D) Changed
(E) Invented
8. Choose the correct synonym for 'respite' as used in the passage.
(A) Fun (B) Return
(C) Break (D) Irritation
(E) Disturbance

9. Choose the correct antonym for 'quiet' as used in the passage.
 (A) Stop (B) Quick
 (C) Less (D) Noisy
 (E) Tough
10. Choose the correct antonym for 'necessary' as used in the passage.
 (A) Unwanted (B) Old
 (C) Broken (D) Torn
 (E) Heavy

Directions for Questions 11 – 15: Read the following passage having some numbered blanks. Choose the best option to fill the numbered blanks to complete the passage.

Ravana's son Meghnad was a brave young man. When he was twenty years old, he prayed and offered his devotion to the Devi (goddess) so ____11____ that she offered him a ____12____. Meghnad asked for a celestial, divine chariot that could become ____13____. 'I ____14____ able to see everyone and everything, but no one should be able to see me. I should be able to kill whoever I ____15____.'

11. (A) traditionally (B) calmly
 (C) openly (D) sincerely
 (E) badly
12. (A) boon (B) help
 (C) chariot (D) award
 (E) spell
13. (A) white (B) bird
 (C) rock (D) invisible
 (E) bigger
14. (A) will be (B) should be (C) can
 (D) can be (E) want to
15. (A) meet (B) dismiss
 (C) please (D) assume
 (E) notice

Directions for Questions 16 – 20: Rearrange the following six sentences (1), (2), (3), (4), (5) and (6) in the proper sequence to form a meaningful paragraph; and then answer the questions given below them.

1. Once upon a time, centuries ago, a raft landed on the coast of Burma.
 2. On their arrival, they were at once taken to the king.
 3. The raft was carrying three people.
 4. On questioning them, the king found out that they were banished from their kingdom as a punishment for the crimes committed by them.
 5. The first man said that he was a thief and stole valuables from rich people.

6. The king asked them individually about the crime that they had committed.
16. What should be the LAST LINE of the given passage?
 (A) 2 (B) 3 (C) 4
 (D) 6 (E) 5
17. What should be the FOURTH LINE of the given passage?
 (A) 1 (B) 3 (C) 4
 (D) 2 (E) 6
18. What should be the SECOND LINE of the given passage?
 (A) 2 (B) 3 (C) 6
 (D) 5 (E) 4
19. What should be the THIRD LINE of the given passage?
 (A) 2 (B) 3 (C) 1
 (D) 5 (E) 6
20. What should be the FIFTH LINE of the given passage?
 (A) 2 (B) 3 (C) 4
 (D) 5 (E) 6

Directions for Questions 21 – 25: Read each sentence to find out whether there is any grammatical error in it. The error, if any, will be in one part of the sentence and underlined. The letter of that part is the answer. If there is no error, the answer is (e), i.e. 'No error'. (Ignore the errors of punctuation, if any.)

21. (a) One of (b) the best (c) day of my life (d) was when I had my first child. (e) No error
 (A) (a) (B) (b) (C) (c)
 (D) (d) (E) (e)
22. The officers are (a) now (b) perfectly happy fishing, boating, shooting and (c) to play cricket, and (d) other sports. (e) No error
 (A) (a) (B) (b) (C) (c)
 (D) (d) (E) (e)
23. (a) My brother who (b) had gone to Bombay (c) last week (d) came back this morning. (e) No error
 (A) (a) (B) (b) (C) (c)
 (D) (d) (E) (e)
24. It (a) turns out that both sides have the greater good of the nation in mind, (b) but merely (c) disagree to the means (d) to achieve it. (e) No error
 (A) (a) (B) (b) (C) (c)
 (D) (d) (E) (e)

25. Tempera, a (a) type of paint, is prepared from a (b) mixture of water, egg yolk, and one (c) but more (d) tinted powders. (e) No error

(A) (a) (B) (b) (C) (c)
(D) (d) (E) (e)

Directions for Questions 26 – 30: In the given sentence, a part of the sentence is written in bold italics. Below the sentence are some possible corrections for the bold italics part. You are required to select an option in order to improve the sentence. If none of the options is suitable, then select 'no correction required'.

26. I went to the librarian and he provided me not only the encyclopaedia **as well as** all the other facilities required to complete the project.
(A) and (B) both
(C) but also (D) such as
(E) no correction required
27. Illness prevented the president **from being present** at the function.
(A) from presenting

(B) to present
(C) from to be present
(D) presented
(E) no correction required

28. No country can long endure if its foundations **were not laid** deep in material prosperity.
(A) are not laid (B) is not laid
(C) being laid (D) are laying
(E) no correction required
29. Mahatma Gandhi did not solve the problems of the future but he **does solve** problems of his own age.
(A) could solve (B) would solve
(C) did solve (D) is solving
(E) no correction required
30. Whenever the officer is away on an official tour, he as well as other officers **receive** an allowance from the company.
(A) receiving (B) received
(C) receives (D) have received
(E) no correction required

Numerical Ability (35 Questions)

Directions for Questions 31 – 35: What will come in place of the question mark (?) in the following questions?

31. $(4\sqrt{7} + 2\sqrt{7}) \times (1\sqrt{7} + 3\sqrt{7}) - (6)^2 = (?)$
(A) 132 (B) 131 (C) 133
(D) 134 (E) None of these
32. $15\% \text{ of } 1200.8 + 6.04\% \text{ of } 800.36 = ?$
(A) 84.1669 (B) 85.1669
(C) 86.1669 (D) 87.1669
(E) 88.1669
33. $8\frac{1}{3} \times 4\frac{2}{5} + ? = 44\frac{2}{5}$
(A) $7\frac{11}{15}$ (B) $7\frac{4}{15}$
(C) $7\frac{8}{15}$ (D) $8\frac{7}{15}$
(E) None of these
34. $20\% \text{ of } 4560 + 65\% \text{ of } 7800 = ?$
(A) 5982 (B) 6882
(C) 5894 (D) 6010
(E) 5000
35. $[(6\sqrt{8} + \sqrt{8}) \times (5\sqrt{8} + 9\sqrt{8})] + (32)^2 = ?$

(A) 1808 (B) $226\sqrt{8}$
(C) 1708 (D) $1608\sqrt{8}$
(E) None of these

Directions for Questions 36 – 39: In each of the following questions, two equations numbered (i) and (ii) are given. You have to solve both the equations and choose the correct option.

36. (i) $\sqrt{1225}x + \sqrt{4900} = 0$
(ii) $(81)^{1/4}y + (343)^{1/3} = 0$
(A) $x > y$
(B) $x \geq y$
(C) $x < y$
(D) $x \leq y$
(E) $x = y$ or the relationship cannot be established
37. (i) $8x^2 + 6x = 5$
(ii) $12y^2 - 22y + 8 = 0$
(A) $x > y$
(B) $x \geq y$
(C) $x < y$
(D) $x \leq y$
(E) $x = y$ or the relationship cannot be established

38. (i) $y = -5$ or 4.3
(ii) $x^2 = 18$
(A) $x > y$
(B) $x \geq y$
(C) $x < y$
(D) $x \leq y$
(E) $x = y$ or the relationship cannot be established
39. (i) $y - x = z$
(ii) $zx - 1 = 0.0005$
(A) $x > y$
(B) $x \geq y$
(C) $x < y$
(D) $x \leq y$
(E) $x = y$ or the relationship cannot be established
40. There are two classes in a society of employed persons and unemployed persons. The ratio of employed persons to unemployed persons is 3:2. If 20% of the employed persons and 25% of the unemployed persons have a car, then what percentage of people in the society doesn't have a car?
(A) 69 (B) 71 (C) 74
(D) 76 (E) 78
- Directions for Questions 41 – 44:** What will come in place of the question mark (?) in the following number series?
41. 1001, 1000, ?, 965, 901, 776
(A) 840 (B) 792 (C) 896
(D) 992 (E) None of these
42. $\frac{3}{7}, \frac{33}{28}, \frac{54}{28}, \frac{75}{28}, \frac{96}{28}, ?$
(A) $\frac{99}{28}$ (B) $\frac{117}{28}$
(C) $\frac{110}{28}$ (D) $\frac{100}{28}$
(E) None of these
43. 10, 18, 34, ?, 130, 258
(A) 32 (B) 60 (C) 66
(D) 68 (E) None of these
44. 12, 12, 42, 252, 2412, ?
(A) 23652 (B) 22652
(C) 21652 (D) 20652
(E) 19652
45. Choose the pair of numbers which comes next in the given series.
28, 24.5, 7, 21, 17.5, 7, 14, ?, ?
(A) 10.5, 7 (B) 7, 10.5
(C) 7, 11.5 (D) 11.5, 7
(E) 8, 12.5
46. Two metals X and Y are to be used for making two different alloys. If the ratio by weight of X : Y in the first alloy is 6 : 5 and that in the second alloy is 7 : 13, how many kilograms of X metal must be melted along with 11 kg of the first alloy and 20 kg of the second, so as to produce a new alloy containing 40% of metal Y?
(A) 11 (B) 13 (C) 14
(D) 18 (E) 15
47. An alcohol is mixed with water in the proportion 5 : 2. To make the mixture of alcohol and water in the proportion 1 : 1, the amount of mixture to be replaced with water is
(A) 1.8 litres (B) 2.1 litres
(C) 3.4 litres (D) 1.6 litres
(E) 2.4 litres
48. A man buys a dog and a sheep for Rs.4,500. He sells the dog at a profit of 20% and the sheep at a profit of 5%. Find the cost price of the dog if his overall profit on both the bargains is 17.5%.
(A) Rs. 3,000 (B) Rs. 3,250
(C) Rs. 3,750 (D) Rs. 900
(E) Rs. 750
49. A debt of Rs. 800 is due in 4 years. Which of the following annual payments will discharge this debt at the rate of 10% per annum?
(A) Rs. 130 (B) Rs. 150
(C) Rs. 190 (D) Rs. 174
(E) Rs. 200
50. According to a survey, the population of a city increases by 10% every year for two years and then decreases by 10% every year for two years. If the population 4 years ago was 1,00,000, what will it be after four years?
(A) 1,08,900 (B) 98,100
(C) 96,100 (D) 98,010
(E) 92,400
51. Ten years ago, the average age of a family of 4 members was 25 years. However, a boy was born 5 years back in the family. What is the average age of the family now?
(A) 28 (B) 29 (C) 30
(D) 32 (E) 33
52. The average of three numbers is x. If the second number is 9 more than the first and the third number is 5 more than x, what is the difference between x and the first number?
(A) 5 (B) 7 (C) 8
(D) 9 (E) 10
53. Six men working together all day can finish a piece of work in 19 days, but two of them having other engagements can devote only one-half and

one-quarter of their time. How long will it take for them to complete the work?

- (A) 21 days (B) 24 days
(C) 25 days (D) 28 days
(E) 30 days

54. The amount of work done by a man on n^{th} day after starting the work is n times the amount of work that can be done on the first day. If 8 men start the work, it can be completed in 10 days. If the work has to be completed in 4 days, how many men have to work?

- (A) 20 (B) 16 (C) 40
(D) 44 (E) 50

55. If 10 persons can clean 10 floors by 10 mops in 10 days, in how many days can 8 persons clean 8 floors by 8 mops?

- (A) 12 days (B) 11 days
(C) 10 days (D) 8 days
(E) None of these

56. Six pipes are fitted to a water tank. Some of these pipes are used for filling, while others are used for emptying. Each filling pipe can fill the tank in eighteen hours and each emptying pipe can empty the tank in twelve hours. On opening all the pipes, an empty tank can be filled in eighteen hours. The number of emptying pipes is

- (A) 5 (B) 4 (C) 2
(D) 3 (E) 6

57. One day, while Pankaj was standing on a 160 m long railway platform, he observed that a train crosses the platform in 20 seconds and him in 4 seconds. The speed of the train is

- (A) 10 m/sec (B) 15 m/sec
(C) 12 m/sec (D) 20 m/sec
(E) None of these

58. A man goes uphill with an average speed of 24 km/hr and comes down with an average speed of 36 km/hr. The distance travelled in both the cases being the same, the average speed for the entire journey is

- (A) 30 km/hr (B) 24 km/hr
(C) 28.8 km/hr (D) 32.6 km/hr
(E) 36 km/hr

59. Saurav and Sachin are running on a 500 m circular track. Their speeds are 8 km/hr and 5 km/hr, respectively. After what time will they meet for the first time at the starting point, if they start simultaneously?

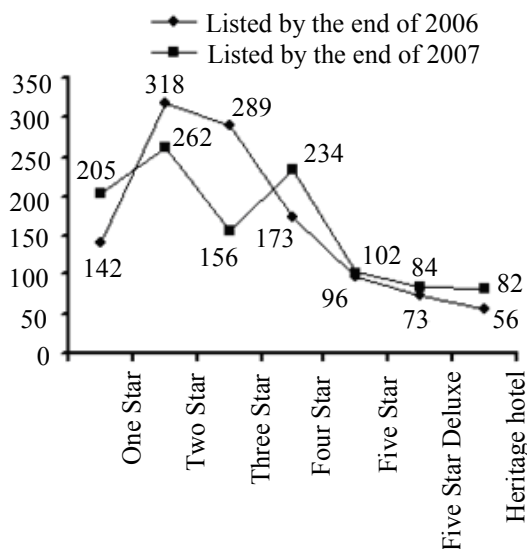
- (A) 60 minutes (B) 45 minutes
(C) 30 minutes (D) 20 minutes
(E) 15 minutes

60. If a man walks to his office and drives back home, the entire trip takes an hour and a half. When he drives both ways, it takes him only 30 minutes. How long would he take if he walks both ways?

- (A) 1.5 hours (B) 2 hours
(C) 2.15 hours (D) 2.5 hours
(E) 2.25 hours

Directions for Questions 61 – 65: Study the following graph carefully and answer the questions given below.

Number of different types of hotels classified by DoT



61. The decrease/increase in the number of hotels listed in 2007 as compared to 2006 is maximum in
(A) heritage type (B) five star deluxe type
(C) two star type (D) five star type
(E) None of these

62. What is the approximate percentage decrease in two star hotels in 2007?
(A) 27% (B) 24%
(C) 21% (D) 18%
(E) 32%

63. What is the percentage increase/decrease in the total number of hotels classified by DoT in 2007 w.r.t. 2006?
(A) 3.7% (B) 2.4%
(C) 2.2% (D) 2.8%
(E) 1.9%

64. Which of the following is true?

- (A) The number of four star and five star hotels in 2006 is equal to the number of five star, five star deluxe and heritage hotels in 2007.
(B) The percentage increase in the number of heritage hotels in 2007 is nearly 46%.
(C) The total number of five star, four star, three star and heritage hotels in 2007 is 544.

- (D) The percentage increase in the number of one star hotels in 2007 is nearly 54%.
 (E) None of these

65. For how many types of hotel is the percentage increase in their numbers more than 50%?
 (A) 0 (B) 2 (C) 3
 (D) 4 (E) 1

Reasoning Ability (35 Questions)

66. In a certain code language, 'how can you go' is written as 'ja da ka pa', 'can you come here' is written as 'na ka sa ja' and 'come and go' is written as 'ra pa sa'. How is 'here' written in that code language?

(A) ja (B) na (C) pa
 (D) Data inadequate (E) None of these

67. If in a certain language, SPACE is coded as XTDEF, how is ORDER coded in that language?

(A) TGVGS (B) TSGGV
 (C) TVGGS (D) SGGV
 (E) VTGGS

68. How many such pairs of letters are there in the word STAPLER, each of which has as many letters between them in the word as in the English alphabet?

(A) None (B) One
 (C) Two (D) Three
 (E) More than three

69. Pointing to a lady, a girl said, 'She is the daughter-in-law of the grandmother of my father's only son.'

How is the lady related to the girl?

(A) Sister-in-law (B) Either mother or aunt
 (C) Aunt (D) Mother-in-law
 (E) Cousin

70. Pointing to a person, a man said to a woman, 'Her brother is the only son of your grandfather.' How is the woman related to the person?

(A) Niece (B) Nephew
 (C) Daughter (D) Sister
 (E) None of these

71. After cycling 4 km, I turned left and covered a distance of 7 km, then turned right and covered a distance of 5 km. In the end, I was moving towards North. From which direction did I start my journey?

(A) North (B) South
 (C) East (D) West
 (E) None of these

72. Starting from his house, a man walks 15.5 km towards North and then turns left and travels 7 km. He then turns left again and after travelling 31 km, he again turns left and stops after travelling 7 km. How far is he from his house?

(A) 8.5 km (B) 15.5 km
 (C) 46.5 km (D) 60.5 km
 (E) 50.5 km

Directions for Questions 73 – 76: Study the following information and answer the questions given below:

- (i) There are two married couples in a family of six people (U, V, W, X, Y, Z).
 (ii) W is the wife of V and the mother of Z.
 (iii) X is the grandmother of U and the mother of V.
 (iv) Z is the granddaughter of Y.

73. What is W to U?

(A) Mother (B) Grandmother
 (C) Daughter (D) Sister
 (E) None of these

74. How many male members are there in the family?

(A) 2
 (B) 3
 (C) 4
 (D) Cannot be determined
 (E) None of these

75. Which of the following is true?

(A) U is the sister of Z.
 (B) U is the brother of Z.
 (C) V has two daughters.
 (D) X and Y are a couple.
 (E) None of these

76. Which of the following pairs represents one of the couples?

(A) W and X (B) Y and V
 (C) V and W (D) Z and U
 (E) None of these

77. Arman starts from 'A', moves 30 km towards East and reaches 'B'. After that, he takes a left turn and reaches 'C' after walking 15 km. Again, he takes a left turn and reaches 'D' after walking 10 km. What is the location of 'D' with respect to 'A'?

(A) $\sqrt{1825}$ km NE
 (B) 25 km NE
 (C) 25 km SE
 (D) $\sqrt{1825}$ km SE
 (E) 55 km E

Directions for Questions 78 – 82: Study the following information and answer the questions given below.

A, B, C, D, E, F, G and H are sitting around a circular table facing the center, but not necessarily in the same order. A is sitting third to the right of C. F is neither the neighbour of A nor the neighbour of C. E is fourth to the right of B. F is sitting directly opposite to D, who is the neighbour of C. B and G are not neighbours of F.

78. Who is sitting between A and F from anti-clockwise direction?
 (A) H (B) D (C) G
 (D) C (E) B
79. What is the position of D with respect to E?
 (A) Fourth to the right
 (B) Third to the right
 (C) Fourth to the left
 (D) Fifth to the left
 (E) Both (B) and (D)
80. B is sitting between which two persons?
 (A) F and G (B) A and D
 (C) G and D (D) A and F
 (E) C and D
81. Who is sitting opposite to H?
 (A) G (B) A (C) B
 (D) F (E) C
82. How many people are sitting between B and G?
 (A) 1 (B) 2 (C) 3
 (D) 5 (E) None of these

Directions for Questions 83 – 87: Study the following information and answer the questions given below:

Following information is about the heights and weights of six persons J, K, L, M, N and O.

1. J is the shortest and heaviest in the group.
 2. K is taller than M and L, but shorter than N.
 3. M is taller than O, who is shorter than L.
 4. In height sequence, there is exactly one person between N and M.
 5. M and O are at the same positions in both the sequences.
 6. L is heavier than K, who is heavier than N.
83. Who is the tallest person in the group?
 (A) K (B) N (C) M
 (D) L (E) O
84. Who is the lightest person in the group?
 (A) O (B) N (C) M
 (D) L (E) J
85. Who is taller but lighter than M?
 (A) K (B) J (C) O

- (D) L (E) None of these

86. Who is taller than L, but lighter than K?
 (A) O (B) M (C) N
 (D) J (E) None of these
87. Who is taller as well as heavier than K?
 (A) J (B) N (C) M
 (D) O (E) None of these

Directions for Questions 88 – 90: Each question below consists of some statements followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follow(s) from the given statements disregarding commonly known facts. Choose your answer accordingly.

88. **Statements:**
 Some clocks are radios.
 No radio is laptop.
 Some laptops are clocks.
Conclusions:
 I. All clocks are radios is a possibility.
 II. At least some laptops are radios.
 (A) If only I follows
 (B) If only II follows
 (C) If either I or II follows
 (D) If neither I nor II follows
 (E) If both I and II follow

89. **Statements:**
 All sweet are bitter.
 No bitter is tasty.
 Some sour are tasty.
Conclusions:
 I. Some sweet are sour is a possibility.
 II. At least some tasty are bitter.
 (A) If only I follows
 (B) If only II follows
 (C) If either I or II follows
 (D) If neither I nor II follows
 (E) If both I and II follow

90. **Statements:**
 Some blue are red.
 Some red are pink.
 No pink is green.
Conclusions:
 I. Some blue are pink is a possibility.
 II. Some green might be red.
 (A) If only I follows
 (B) If only II follows
 (C) If either I or II follows
 (D) If neither I nor II follows
 (E) If both I and II follow

Directions for Questions 91 – 95: In each of the following questions, a question and two statements numbered I and II are given. You have to decide whether the data provided in the statements is sufficient to answer the question. Mark your answer accordingly:

- (A) The data in statement I alone is sufficient to answer the question, while the data in statement II alone is not sufficient to answer the question.
- (B) The data in statement II alone is sufficient to answer the question, while the data in statement I alone is not sufficient to answer the question.
- (C) The data either in statement I alone or in statement II alone is sufficient to answer the question.
- (D) The data in both the statements I and II together is not sufficient to answer the question.
- (E) The data in both the statements I and II together is necessary to answer the question.

91. M, N, B, F and H are sitting around a circular table facing the centre. Who is to the immediate left of B?
- I. M is the immediate neighbour of both H and N.
 - II. F is to the immediate left of N.
92. What does 'Ne' stand for in the code language?
- I. 'Na Ni Nok Ne' means 'I will tell you' and 'Ni Nok Ne Nam' means 'he will tell you' in that code language.
 - II. 'Ni Ne Mo Nam' means 'will he call you' and 'Ne Mok Sac Ni' means 'how will you go' in that code language.
93. Six persons A, B, C, D, E and F are sitting around a circular table. Who is to the immediate left of A?
- I. B is opposite to C and D is opposite to E.
 - II. F is to the immediate left of B and B is to the immediate left of E.
94. How is B related to A?
- I. A is the sister of P, who is the mother of S.
 - II. B has brothers, of which one is S.
95. Who among Q, T, S, G and V is the tallest?
- I. T is taller than Q, V and G, but not the tallest.
 - II. G is taller than V, but shorter than Q.

Directions for Questions 96 – 100: In the following questions, the symbols @, ©, \$, % and # are used with the given meanings as illustrated below:

'P \$ Q' means 'P is neither smaller than nor equal to Q'.
 'P # Q' means 'P is not smaller than Q'.
 'P @ Q' means 'P is not greater than Q'.
 'P % Q' means 'P is neither smaller than nor greater than Q'.
 'P © Q' means 'P is neither greater than nor equal to Q'.

In each of the following questions, assuming the given statements to be true, find out which of the three conclusions I, II and III given below them is/are definitely true.

96. **Statements:**
 B % H, H \$ E, E @ K
Conclusions:
 I. K \$ H
 II. K \$ B
 III. E © B
 (A) None is true. (B) Only III is true.
 (C) Only II is true. (D) Only I is true.
 (E) Only I and III are true.
97. **Statements:**
 M # W, W % N, N \$ B
Conclusions:
 I. N % M
 II. N © M
 III. M \$ B
 (A) Only I or II is true.
 (B) Only I or III is true.
 (C) Either I only or II and III are true.
 (D) Only III is true.
 (E) None of these.
98. **Statements:**
 M © T, T # J, J \$ K
Conclusions:
 I. K © T
 II. M © T
 III. K @ M
 (A) None is true. (B) Only III is true.
 (C) Only II is true. (D) Only I is true.
 (E) Only I and II are true.
99. **Statements:**
 F # N, N © D, D @ R
Conclusions:
 I. D # F
 II. R \$ N
 III. R \$ F
 (A) None is true. (B) Only I is true.
 (C) Only II is true. (D) Only III is true.
 (E) Only II and III are true.
100. **Statements:**
 W @ F, F \$ M, M © D
Conclusions:
 I. D \$ F
 II. W © M
 III. F \$ D
 (A) None is true. (B) Only I is true.
 (C) Only II is true. (D) Only III is true.
 (E) Only II and III are true.

English Language (30 Questions)

Directions for Questions 1 – 10: Read the passage given below and answer the following questions.

Abhijit reminded himself that he had quit his job sometime ago. He had a menial job slogging on his workstation for some client whose only reasons for hiring people from India were that labour and real estate were cheap. He was paid, but not much. He used his brains while working, but not much. In a nutshell, his life was like most of the white collared, educated, salaried labour class that his country specializes in producing. No, his work life was not the problem. The problem was something else.

The commute to his office was mostly uneventful. He had to endure the typical sights and sounds of the torture chamber called the public transport in India every morning. Every neatly ironed shirt got hopelessly crumpled within the first ten minutes of the journey. Funny smelling hair oils on strange heads choked his nostrils every day. He had the habit of polishing his shoes everyday till he had started working. The commute to office changed all that.

On normal days, the number of feet that may have left their mark on his shoes could be somewhere around ten. On some days, it went up to twenty. Hopelessly, he had given up polishing before he left for his work, resorting to using the services of the poor boy near his office who worked in a makeshift arrangement where he not only mended shoes but also polished and shone them. He was a person he met daily. He had dirty hair and probably two sets of tattered clothes which he wore on alternate days. His lips were dry and his finger nails were dirty. He looked no different than any rag-picker that anyone from outside India loves to take a photograph of and show to his wife back home. He had big brown eyes though. Those eyes were beautiful.

Their initial interaction remained strictly business related. The boy polished his shoes and he paid him. Not a word was exchanged for the first couple of months. Gradually, their meetings got informal. It took some time but smiles were followed by occasional chit-chat. The duration of their interaction still remained limited to those five minutes per day only partly because of the fact that he had a habit of reaching his workplace right before his shift was about to start.

Two weeks ago, for the first time, the boy had a request to make. By then, their occasional chit-chat had turned into crisp conversations with more meaningful sharing of information. At the outset, his request seemed strange. This conversation was different. It had money involved.

1. What has been presented as the main problem for Abhijit?
 - (A) He had a small job and there was not enough challenge for him.
 - (B) He was paid less than he should have been.
 - (C) His troublesome journey to his office.
 - (D) He had a labour job and he had to use but a little brains in it.
 - (E) He was fed up living a boring life of an ordinary worker.
2. Which of the following is true according to the passage?
 - (A) Abhijit had an exceptional knowledge of real estate.
 - (B) Labour and real estate are the cheapest in India.
 - (C) Abhijit spent his time at office with comfort and ease.
 - (D) India specializes in producing educated, salaried labour class.
 - (E) Only Abhijit could bear the burden of his job.
3. Though relationship between Abhijit and the boy developed, their conversations remained short because
 - (A) Abhijit had nothing else to talk other than business
 - (B) they used to meet on a busy road
 - (C) Abhijit used to be in a hurry to reach his office
 - (D) the boy requested Abhijit for some money
 - (E) they only shared meaningful information
4. What changed Abhijit's habit of polishing his shoes everyday?
 - (A) The distance that he used to travel everyday
 - (B) His laziness and his work timings
 - (C) The conditions that he had to undergo to reach his office
 - (D) The boy who used to mend and polish shoes
 - (E) The condition of the shoes which became too bad because of the marks on them
5. Which of the following is true according to the passage?
 - (A) Abhijit quit his job to get a better paid job.
 - (B) Abhijit stopped polishing his shoes and ironing his shirt.

- (C) The boy that Abhijit used to meet daily, looked very like a rag-picker.
 (D) Abhijit was troubled by his colleagues.
 (E) Daily commute to the office made Abhijit lethargic.

6. Choose the word which is similar in meaning to 'uneventful' as used in the passage.
 (A) Routine (B) Slogging
 (C) Weird (D) Hopelessly
 (E) Random
7. Choose the word which is similar in meaning to 'crumpled' as used in the passage.
 (A) Folded (B) Wet
 (C) Stained (D) Wrinkled
 (E) Pressed
8. Choose the word which is similar in meaning to 'resorting to' as used in the passage.
 (A) Turning to (B) Leaning towards
 (C) Keeping on (D) Making up
 (E) Trying to
9. Choose the word which is opposite in meaning to 'mended' as used in the passage.
 (A) Repaired (B) Fixed
 (C) Cleared (D) Distorted
 (E) Restored
10. Choose the word which is opposite in meaning to 'tattered' as used in the passage.
 (A) Old (B) Torn
 (C) Unused (D) Pressed
 (E) Washed

Directions for Questions 11 – 15: Read the following passage having some numbered blanks. Choose the best option to fill the numbered blanks to complete the passage.

The princess's mother, who had nothing left in the world since the death of the king and the princess's father, ___11___ so much for the little princess and was so terribly ___12___ of losing her that she quite ___13___ her, and never tried to correct any of her faults. The ___14___ was that this little person, who was as pretty as could be, and was one day to wear the crown, grew up so proud ___15___ so much in love with her own beauty that she despised everyone else in the world.

11. (A) fancied (B) demanded
 (C) wanted (D) cared
 (E) disturbed
12. (A) troubled (B) nervous
 (C) afraid (D) confident
 (E) convinced

13. (A) blamed (B) troubled
 (C) spoilt (D) infected
 (E) lifted
14. (A) consequence (B) cause
 (C) reason (D) motive
 (E) purpose
15. (A) though (B) and (C) so
 (D) yet (E) even

Directions for Questions 16 – 20: Rearrange the following six sentences 1, 2, 3, 4, 5 and 6 in the proper sequence to form a meaningful paragraph; and then answer the questions given below them.

1. Nicky asked the boy if he could give his ticket to him.
 2. One day, Nicky went to the movies to see a film he'd been dying to see.
 3. The last ticket was being sold to a very poor looking boy.
 4. Nicky was a rich kid who led a very nice, comfortable life, protected from most of the bad stuff in the world.
 5. The problem was that he arrived a bit late.
 6. The boy had been saving for weeks to buy this ticket.
16. What should be the last line of the given passage?
 (A) 6 (B) 3 (C) 2
 (D) 1 (E) 5
17. What should be the fourth line of the given passage?
 (A) 1 (B) 3 (C) 4
 (D) 2 (E) 6
18. What should be the second line of the given passage?
 (A) 2 (B) 3 (C) 6
 (D) 5 (E) 4
19. What should be the third line of the given passage?
 (A) 2 (B) 3 (C) 1
 (D) 5 (E) 6
20. What should be the fifth line of the given passage?
 (A) 2 (B) 3 (C) 4
 (D) 5 (E) 6

Directions for Questions 21 – 25: Read each sentence to find out whether there is any grammatical error in it. The error, if any, will be in one part of the sentence. The letter of that part is the answer. If there is no error, the answer is (e), i.e. 'No error'. (Ignore the errors of punctuation, if any.)

21. Broadway (a) is known (b) throughout the world (c) of the centre for many famous (d) plays and musicals. (e) No error
(A) (a) (B) (b) (C) (c)
(D) (d) (E) (e)
22. This is the third (a) communication that we have (b) sent and (c) we are very surprised because we have received (d) no answer. (e) No error
(A) (a) (B) (b) (C) (c)
(D) (d) (E) (e)
23. The (a) acquiring really good (b) skills in (c) public speaking (d) is a matter of patient effort. (e) No error
(A) (a) (B) (b) (C) (c)
(D) (d) (E) (e)
24. (a) A few of the station's crew watched them (b) go and asked each other (c) questions about what (d) had happened. (e) No error
(A) (a) (B) (b) (C) (c)
(D) (d) (E) (e)
25. Daler Mehndi, (a) with his brothers and members of his band, (b) often travels to key cities (c) to perform concerts and make (d) appearances public. (e) No error
(A) (a) (B) (b) (C) (c)
(D) (d) (E) (e)
- Directions for Questions 26 – 30:** Fill the blanks in each question by choosing the correct option.
26. Lily was my cousin from London who _____ at the University of Cambridge and _____ a lot of praise from our elders.
(A) lived, lost (B) shared, shed
(C) read, winning (D) taught, earned
(E) lagged, hated
27. Cleanliness is a _____ that must be taught to children from a very young age as it affects their _____ well-being.
(A) vice, regular (B) virtue, lifelong
(C) quality, great (D) remedy, cure
(E) vice, great
28. Rabindranath Tagore is Kritika's favourite _____ and he has _____ the collection called Gitanjali.
(A) author, composed
(B) composer, printing
(C) director, dreamed
(D) reader, authored
(E) teacher, reading
29. Lavanya Farms was Deepika's first _____ for the celebration, but she had to cancel it due to the _____ rates.
(A) dream, expenditure
(B) limit, available
(C) means, crazy
(D) choice, expensive
(E) desire, bigger
30. Remi was the first girl that Ritika talked to and _____ with after getting _____ from Los Angeles to California.
(A) spent, read
(B) joined, renamed
(C) bonded, transferred
(D) ran, moving
(E) moved, running

Numerical Ability (35 Questions)

Directions for Questions 31 – 35: What will come in place of the question mark (?) in the following questions?

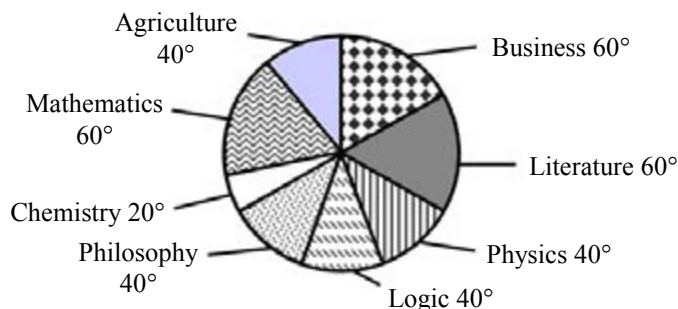
31. $2001 \times 66 - 48692 = ? \times 113$
(A) 737.82 (B) 739
(C) 738.94 (D) 737.89
(E) None of these
32. $3456 \div 432 \times 8 + 6 = ?$
(A) 87 (B) 78 (C) 68
(D) 70 (E) None of these
33. $\frac{5}{9}$ of 315 + $\frac{3}{7}$ of 455 = ?
(A) 370 (B) 380 (C) 360
(D) 340 (E) None of these
34. $6630 - 2496 \div 96 = ? \times 26$
(A) 224 (B) 233 (C) 264
(D) 254 (E) 257
35. $0.3 + 0.3 - 0.3 \div 0.3 \times (0.3 \times 0.3) = ?$
(A) 0.28 (B) -10.51
(C) 0.51 (D) 0.36
(E) 3.11
- Directions for Questions 36 – 40:** What approximate value should come in place of the question mark (?) in the following questions? (Note: You are not expected to calculate the exact value.)
36. $8787 \div 343 \times \sqrt{50} = ?$
(A) 250 (B) 140 (C) 180
(D) 100 (E) 280

37. $\left(\frac{3033}{8}\right) \times \left(\frac{16}{1515}\right) = (?)$
 (A) 8 (B) 4 (C) 2
 (D) 1 (E) 3
38. $\frac{5}{8}$ of $4011.33 + 3411.22 = ?$
 (A) 6000 (B) 5000
 (C) 5900 (D) 4900
 (E) 4800
39. $335.01 \times 244.99 \div 55 = ?$
 (A) 1490 (B) 1550
 (C) 1420 (D) 1590
 (E) 1400
40. $23\% \text{ of } 6783 + 57\% \text{ of } 8431 = ?$
 (A) 6460 (B) 6420
 (C) 6320 (D) 6630
 (E) 6360
- Directions for Questions 41 – 45:** Choose the number(s) which will come next in the given series or will replace the question mark in the series:
41. 1, 2, 6, 15, 31, 56, ...
 (A) 72 (B) 76 (C) 92
 (D) 272 (E) None of these
42. 3 1731 ? 3243 3459 3523
 (A) 2371 (B) 2731
 (C) 3731 (D) 3127
 (E) None of these
43. 7, 7, 21, 105, 735, 6615, ...
 (A) 69765 (B) 70765
 (C) 71765 (D) 72765
 (E) 73765
44. 14, 14, 26, 26, 38, 38, 50, ...
 (A) 60, 72 (B) 50, 62
 (C) 50, 72 (D) 62, 62
 (E) 62, 80
45. 75, 65, 85, 55, 45, 85, 35, ...
 (A) 25, 15 (B) 25, 85
 (C) 35, 25 (D) 85, 35
 (E) 25, 75
46. The ratio of the incomes of two persons is 9 : 7 and ratio of their expenditures is 4 : 3. Each of them saves Rs. 2000 per month. Find their monthly incomes.
 (A) Rs. 18,000, Rs. 14,000
 (B) Rs. 16,000, Rs. 12,000
 (C) Rs. 24,000, Rs. 20,000
 (D) Rs. 14,000, Rs. 18,000
 (E) Rs. 27,000, Rs. 21,000
47. Milk at Rs. 10 per kg is mixed with milk at Rs. 20 per kg. What should be their proportion, so that the mixture is worth Rs. 15 per kg?
 (A) 2 : 3 (B) 1 : 1
 (C) 2 : 5 (D) 4 : 3
 (E) None of these
48. An alloy contains 24% of tin by weight. How much more tin, to the nearest kg, must be added to 100 kg of the alloy, so that the % of tin may be doubled?
 (A) 24 kg (B) 34 kg
 (C) 38 kg (D) 46 kg
 (E) None of these
49. A dealer is selling an article at a discount of 20%. If he makes 25% profit and marked price of the article is Rs. 400, find the cost price of the article.
 (A) Rs.220 (B) Rs.250
 (C) Rs.256 (D) Rs.260
 (E) Rs.282
50. The simple interest on a certain sum of money at the rate of 4% p.a. for 4 years is Rs. 1640. At what rate of interest can the same amount of interest be received on the same sum after 5 years?
 (A) 5% (B) 6%
 (C) 4.5% (D) 3.2%
 (E) 3%
51. What amount is earned on Rs. 1000 at the rate of 10% p.a. for 2 years if the interest is compounded half yearly?
 (A) Rs. 1215.50 (B) Rs. 1210.75
 (C) Rs. 1200.75 (D) Rs. 1100.95
 (E) Rs. 1315.95
52. If a gold pendant of 24 grams is to be equally divided among three sisters in the ratio 1 : 2 : 3, what is the weight of the gold received by the third sister?
 (A) 16 grams (B) 4 grams
 (C) 12 grams (D) 3 grams
 (E) None of these
53. The average height of 5 players of a basketball team is 190 cm. When the height of 4 substitutes is considered, the average height of these 9 players is 182 cm. What is the average height of the 4 substitutes?
 (A) 156 cm (B) 162 cm
 (C) 172 cm (D) 175 cm
 (E) 158 cm
54. The average age of children in a group is 11 years. If the average age of boys is 11.2 years and that of the girls is 10.9 years, how many children are there in the group? (Given that there are 50 boys.)

- (A) 50 (B) 100 (C) 150
(D) 175 (E) 195

55. The amount of work done by a man on n^{th} day after starting a work is n times of what can be done on the first day. If 8 men start the work, it can be completed in 10 days. If only one man starts the work, what is the minimum number of days that he requires to complete the work?
(A) 20 (B) 25 (C) 30
(D) 35 (E) 80
56. A tank can be filled in 24 hours. It develops a leak at the bottom and can now be filled in 30 hours. In how many hours will the tank be emptied due to the leak if it is full initially?
(A) 120 (B) 80
(C) 105 (D) 60
(E) None of these
57. A train 'A' started its journey at 9:30 a.m. at a speed of 100 km/hr. B, another train, started from the same point an hour later, but with a speed of 110 km/hr. B overtook A in
(A) 9 hours (B) 10 hours
(C) 5 hours (D) 11 hours
(E) None of these
58. The speeds of A and B are in the ratio 2 : 3. A takes 10 minutes more than B does to reach the destination. If A had walked at double the speed, he would have covered the same distance in
(A) 18 minutes (B) 20 minutes
(C) 25 minutes (D) 15 minutes
(E) 30 minutes
59. A boy rows a boat upstream for a distance of 9 miles when the stream is flowing at 2 m/h. Then, he rows back with the current. The whole trip takes 6 hours. What will be the boy's rowing speed in still water?
(A) 5 m/h (B) 6 m/h
(C) 8.5 m/h (D) 4 m/h
(E) 2.5 m/h
60. A train covers a certain distance in 60 minutes at the speed of 35 km/hr. What should be the speed of the train to complete the journey in 25 minutes?
(A) 88 km/hr (B) 52 km/hr
(C) 75 km/hr (D) 84 km/hr
(E) 50 km/hr

TOTAL NUMBER OF STUDENTS = 2160



61. If 5% of the students belonging to Logic group shift to Literature, after which 50% of Literature students shift to Business, then the number of Business students form what percentage of the total number of students?
(A) 16.7% (B) 16.8%
(C) 17% (D) 25.2%
(E) 25.5%
62. The number of students of Philosophy and Logic taken together is more than that of students of Physics and Chemistry taken together by
(A) 20 (B) 110 (C) 120
(D) 140 (E) 160
63. If the university decides to close down the department of Philosophy and distribute the students among the Logic and Literature disciplines equally, then the number of Literature students forms what percent of the total number of students?
(A) 20% (B) 22%
(C) 24% (D) 25%
(E) 28%
64. On a particular day, if the students of Mathematics, Physics and Chemistry go out of the university (on a strike) and all the students of the other disciplines attend classes, then the ratio of number of Agriculture students to the total number of students present in the university is
(A) 1 : 8 (B) 1 : 6
(C) 1 : 4 (D) 1 : 7
(E) 2 : 3
65. If 10% of the total number of students leaves the university, what angle will Mathematics sector have in the new pie chart drawn in the figure? (Assume that none of the students who left belonged to Mathematics.)
(A) 62.25° (B) 64.32°
(C) 66.92° (D) 66.67°
(E) 67.78°

Directions for Questions 61 – 65: These questions are based on the following pie chart which gives break-up of students of different disciplines in a university.

Reasoning Ability (35 Questions)

66. How many such pairs of letters are there in the word 'OVERWHELM', each of which has as many letters between them in the word as in the English alphabet?
(A) None (B) One
(C) Two (D) Three
(E) More than three
67. If in a certain code language, '654' means 'Sun is rising', '853' means 'Moon is setting' and '156' means 'Sun is hidden', then what is the code for 'hidden'?
(A) 2
(B) 3
(C) 1
(D) Cannot be determined
(E) None of these
68. Introducing a woman, a man said, 'She is the only daughter of my father's father.' How is the man related to the woman?
(A) Father (B) Uncle
(C) Brother (D) Nephew
(E) Cousin
69. Showing a woman receiving a prize, Rajesh said, 'She is the sister of my aunt's son.' What is the woman to Rajesh?
(A) Cousin (B) Daughter
(C) Sister-in-law (D) Niece
(E) Aunt
70. When Natasha saw Simran, she recalled, 'She is the daughter of the mother of the father of my son.' What is Simran to Natasha?
(A) Sister-in-law (B) Sister
(C) Cousin (D) Aunt
(E) Niece
71. Rakesh travelled from a point C to a point D at a distance of 18 feet east. Then, he turned left and walked 15 feet. Again, he turned left and walked 26 feet. How far is he from the starting point?
(A) 4 feet (B) 17 feet
(C) 24 feet (D) 25 feet
(E) None of these
72. Rita drives to the North of her place of stay at A and after travelling 25 km, she finds that she has driven in the wrong direction. She turns to her right and travels 2 km. Then, she again turns right and drives straight for another 25 km. How much distance does she now have to cover to go back to the starting point?
(A) 25 km (B) 2 km
(C) 4 km (D) 40 km
(E) 27 km

Directions for Questions 73 – 76: Read the following information and answer the questions.

There are five towns A, B, C, D and E, out of which four are state capitals. Two among them are industrial towns, whereas two are hill stations. Two towns are on the same latitude and the other two towns are on the same longitude. Further, two towns are sea ports. B is a hill station and has got latitude common with an industrial town. One of the industrial towns is a sea port and has longitude common with a town, which is not a state capital. A is an industrial town and not a sea port. Out of the four state capitals, only one is a sea port. E is not a state capital and D is not an industrial town.

73. Which two towns have their latitudes common?
(A) A and B (B) B and C
(C) A and C (D) C and E
(E) A and E
74. Which of the following is/are state capital(s), but not industrial town(s)?
(A) B (B) D
(C) Either (A) or (B) (D) Both (A) and (B)
(E) None of these
75. Which of the following is an industrial town and a hill station?
(A) A (B) B (C) D
(D) E (E) Cannot be determined
76. If a person of town B wants to visit another town which has the same latitude as B, then he should go to town
(A) A (B) E (C) D
(D) C (E) None of these

Directions for Questions 77 –81: Read the following information to answer the given questions:

- (i) A, B, C, D, E, F and G are playing cards sitting around a circular table.
(ii) D is not the neighbour of C and E.
(iii) A is the neighbour of B and C.
(iv) G, who is second to the left of D, is the neighbour of E and F.
77. Which of the following statements is correct?
(A) B is between A and D.
(B) D is between F and G.
(C) E is to the immediate right of G.
(D) F is to the immediate left of G.
(E) None of these
78. Which of the following pairs has the second person sitting to the immediate right of the first person?

- (A) BD (B) GF (C) EC
(D) AE (E) None of these

79. If D and E interchange their places, which of the following will be D's position?
(A) Neighbour of G and C
(B) To the immediate left of C
(C) To the immediate right of F
(D) Neighbour of C and A
(E) None of these
80. What is the position of C?
(A) Second to the left of B
(B) Third to the right of F
(C) To the immediate right of A
(D) To the immediate right of E
(E) None of these
81. Which of the following has the second person sitting between the first and the third persons?
(A) D, A and B (B) G, C and E
(C) B, C and A (D) G, F and D
(E) None of these

Directions for Questions 82 – 86: Read the following information to answer the given questions:

Five women: Saritha, Monica, Neeraja, Shruthi and Sunitha, are married to Babu, Akhil, Raghu, Bhargav and Shyam, but not in the same order.

- (i) Names of a couple start with the same letter.
(ii) Neither Akhil nor Shyam is Sunitha's or Saritha's husband.
(iii) Bhargav and Babu are not married to Monica and Neeraja.
(iv) Akhil is not married to Monica, and Sunitha is not Babu's wife.
82. Who is married to Raghu?
(A) Saritha (B) Monica
(C) Sunitha (D) Shruthi
(E) None of these
83. Who is married to Akhil?
(A) Monica (B) Neeraja
(C) Sunitha (D) Saritha
(E) None of these
84. Who is married to Bhargav?
(A) Monica (B) Neeraja
(C) Saritha (D) Sunitha
(E) None of these
85. Who is married to Babu?
(A) Monica (B) Neeraja
(C) Saritha (D) Sunitha
(E) None of these

86. Which of the following combinations of husband and wife is correct?
(A) Shyam → Monica
(B) Akhil → Neeraja
(C) Babu → Sunitha
(D) Bhargav → Shruthi
(E) Raghu → Saritha

Directions for Questions 87 – 89: In each of the questions below, two statements are followed by four conclusions numbered I, II, III and IV. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read the given statements and the conclusions, and then decide which conclusion(s) logically follow(s) from the four given statements, disregarding the commonly known facts.

87. **Statements:**
Some erasers are balls.
All balls are cats.
Conclusions:
I. All erasers are cats.
II. All balls are erasers.
III. Some cats are erasers.
IV. All cats are erasers.
(A) None follows.
(B) Only III follows.
(C) Only II and IV follow.
(D) Only III and either II or IV follow.
(E) None of these.
88. **Statements:**
All scales are buns.
All buns are cups.
Conclusions:
I. All scales are cups.
II. All cups are scales.
III. Some buns are cups.
IV. All buns are cups.
(A) Only III and IV follow.
(B) Only I, III and IV follow.
(C) Only I and IV follow.
(D) Only IV follows.
(E) None of these.
89. **Statements:**
Some doctors are lawyers.
Some lawyers are architects.
Conclusions:
I. Some doctors are architects.
II. All architects are doctors.
III. Some lawyers are not doctors.
IV. Some lawyers are doctors.
(A) Only III and IV follow.
(B) Only I, III and IV follow.
(C) Only I and IV follow.
(D) Only IV follows.
(E) None of these.

Directions for Questions 90 – 93: The following item consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements is sufficient to answer the question.

Mark your answer as

- (A) if the data in statement I alone is sufficient to answer the question, while the data in statement II alone is not sufficient to answer the question
- (B) if the data in statement II alone is sufficient to answer the question, while the data in statement I alone is not sufficient to answer the question
- (C) if the data either in statement I alone or in statement II alone is sufficient to answer the question
- (D) if the data in both the statements I and II together is not sufficient to answer the question
- (E) if the data in both the statements I and II together is necessary to answer the question

90. How far did Mohan walk from the starting point?
- I. Mohan walked 20 meters towards West, took a right turn and walked 30 meters, again took a right turn and walked 20 meters.
 - II. Mohan walked 20 meters towards South, took a left turn and walked 30 meters, again took a left turn and walked 20 meters.

91. How many sons does P have?
- I. M and K are sisters of G.
 - II. J, who has only two daughters, is the mother of K and wife of P.

92. Adam is 10 cm taller than Sam. Zen is taller than Sam. Is Adam taller than Zen?
- I. Sam is 5 feet tall.
 - II. Zen is $\frac{1}{2}$ foot taller than Sam.

93. How many girls are there to the left of Deepika?
- Statements:
- I. If Deepika is shifted two places from the right end, then she becomes 27th from the left end.
 - II. Only every fourth child in the row is a boy.

94. The question is based on the series given below.
1 @ 3 X O 4 P E & # 7 8 J ^ 6 U g F 8 5 #
Which of the following sets is not in the correct order from the backward direction as given in the series?
- (A) 58F
 - (B) U6^
 - (C) 87#
 - (D) XO4
 - (E) EP4

95. Which of the following options will replace the question mark (?) in the given series?
3AZ, 4BY, 5CX, ?
- (A) 6DW
 - (B) DW6
 - (C) 6WD
 - (D) 18DW
 - (E) None of these

Directions for Questions 96 – 100: In the following questions, the symbols @, ©, %, \$ and d are used with the given meanings as illustrated:

'P % Q' means 'P is greater than Q'.

'P d Q' means 'P is neither greater than nor smaller than Q'.

'P @ Q' means 'P is smaller than Q'.

'P © Q' means 'P is either smaller than or equal to Q'.

'P \$ Q' means 'P is either greater than or equal to Q'.

In each of the given questions, assuming the given statements to be true, find out which of the two conclusions I and II given below them is/are definitely true. Mark your answer as

96. **Statements:**
M @ J, J © R, R d K

Conclusions:

I. K d J

II. K % J

- (A) if only conclusion I is true
- (B) if only conclusion II is true
- (C) if either conclusion I or conclusion II is true.
- (D) if neither conclusion I nor conclusion II is true
- (E) if both conclusions I and II are true

97. **Statements:**
N \$ T, T d H, N @ W

Conclusions:

I. W % T

II. H © N

- (A) if only conclusion I is true
- (B) if only conclusion II is true
- (C) if either conclusion I or conclusion II is true
- (D) if neither conclusion I nor conclusion II is true
- (E) if both conclusions I and II are true

98. **Statements:**
F @ R, R © V, V \$ T

Conclusions:

I. V % F

II. F @ T

- (A) if only conclusion I is true
- (B) if only conclusion II is true
- (C) if either conclusion I or conclusion II is true
- (D) if neither conclusion I nor conclusion II is true
- (E) if both conclusions I and II are true

99. **Statements:**
W © D, D \$ B, B @ H

Conclusions:

I. H % D

II. W @ B

- (A) if only conclusion I is true
- (B) if only conclusion II is true
- (C) if either conclusion I or conclusion II is true
- (D) if neither conclusion I nor conclusion II is true
- (E) if both conclusions I and II are true

100. **Statements:**
 F d T, T \$ M, M © R

Conclusions:

- I. R \$ F
- II. M © F
- (A) if only conclusion I is true
- (B) if only conclusion II is true
- (C) if either conclusion I or conclusion II is true
- (D) if neither conclusion I nor conclusion II is true
- (E) if both conclusions I and II are true

IBPS Clerical (Prelims) Mock Test – 10

English Language (30 Questions)

Directions for Questions 1 – 10: Read the passage given below and answer the following questions.

King Lear, who is elderly and wants to retire from power, decides to divide his realm among his three daughters, and offers the largest share to the one who loves him the most. Goneril and Regan both proclaim that they love him more than anything in the world, which pleases him. For Cordelia, there is nothing to compare her love to, nor words to properly express it; she speaks honestly but bluntly, which infuriates him. In his anger, he disinherits her, and divides the kingdom between Regan and Goneril. Kent objects to this unfair treatment. Lear is further enraged by Kent's protests, and banishes him from the country. Lear summons the Duke of Burgundy and the King of France, who have both proposed marriage to Cordelia. Learning that Cordelia has been disinherited, the Duke of Burgundy withdraws his suit, but the King of France is impressed by her honesty and marries her anyway.

Lear announces that he will live alternately with Goneril and Regan, and their husbands, the Dukes of Albany and Cornwall, respectively. He reserves to himself a retinue of one hundred knights, to be supported by his daughters. Goneril and Regan speak privately, revealing that their declarations of love were fake, and they view Lear as an old and foolish man.

Kent, although banished by Lear, remains to protect the unwitting King from the evils of his two remaining children. He disguises himself under the name of Caius and takes a job as Lear's servant. Lear and Caius quarrel with Oswald, Goneril's steward. Lear discovers that now that Goneril has power, she no longer respects him. She orders him to behave better and reduces his retinue. So, Lear decides to stay instead with his other daughter, and he sends Kent ahead to deliver a letter to Regan, preparing her for his arrival. However, when Lear arrives at Regan's castle, he is horrified to see that Kent has been placed in stocks. Kent is soon set free, but before Lear can uncover who placed his servant in the stocks, Goneril arrives, and Lear realizes that Regan is conspiring with her sister against him.

News arrives that Cordelia has raised an army of French troops that have landed at Dover. Regan and Goneril ready their troops to fight and they head to Dover. Meanwhile, Kent has heard the news of Cordelia's return, and sets off with Lear, hoping that father and daughter can be reunited.

1. King Lear wants to divide his kingdom because
 - (A) he is planning to retire
 - (B) he wants to leave his kingdom
 - (C) he wants to test his daughters' love for him
 - (D) his daughters want him to retire
 - (E) he is tired
2. Whom does King Lear summon to marry Cordelia?
 - (A) The Duke of Cornwall and the King of France
 - (B) The Dukes of York and Cornwall
 - (C) The Duke of Cornwall and the Duke of Burgundy
 - (D) The Duke of Burgundy and the King of France
 - (E) The Dukes of Cornwall and Albany
3. King Lear disinherits Cordelia because
 - (A) Cordelia fails to express her love for him
 - (B) Goneril and Regan love Lear
 - (C) Cordelia insults Lear
 - (D) Cordelia is dishonest and rude
 - (E) Goneril and Regan make true promises
4. Who is expelled from the country by King Lear?
 - (A) Kent, as he objected to the unfair treatment of Cordelia
 - (B) Cordelia, as she displeases the King
 - (C) Goneril, as she was very dishonest
 - (D) Regan, as she did not love the King
 - (E) Duke of Burgundy, for not marrying Cordelia
5. According to the given passage, which of the following options is true?
 - (A) On his retirement, King Lear wants to choose one of his daughters to be the Queen.
 - (B) King Lear wants to divide his property equally amongst his daughters.
 - (C) Lear decides to live with his youngest daughter after his retirement.
 - (D) Goneril and Regan's expression of love for Lear is sincere and honest.
 - (E) None of these
6. From the words given below, find the word that best fits the meaning of 'summons' as used in the passage.

(A) Answer	(B) Call
(C) Reach	(D) Suspend
(E) Join	
7. From the words given below, find the word that best fits the meaning of 'proclaim' as used in the passage.

- (A) Show (B) Declare
(C) Conceal (D) Promote
(E) Confess

8. From the words given below, find the word that best fits the meaning of 'bluntly' as used in the passage.
(A) Insincerely (B) Secretively
(C) Cleanly (D) Politely
(E) Straightforwardly
9. From the words given below, find the word that is opposite in meaning to 'withdraw' as used in the passage.
(A) Depart (B) Leave
(C) Quit (D) Continue
(E) Allow
10. From the words given below, find the word that is opposite in meaning to 'fake' as used in the passage.
(A) Original (B) Open
(C) Visible (D) Genuine
(E) Obvious

Directions for Questions 11 – 15: Read the following passage having some numbered blanks. Choose the best option to fill the numbered blanks to complete the passage.

There was an old owl that ___11___ in an oak and observed his surrounding very keenly. Everyday he saw incidents ___12___ around him while he was perched on the tree. Yesterday he saw a boy who stopped his daily errands to help an old man carry a ___13___ basket. Today, while observing people, he saw a girl ___14___ at her mother. As he spoke less, he heard more. He heard people talking and ___15___ stories and it greatly amused him sometimes.

11. (A) eating (B) lived
(C) walked (D) carried
(E) helped
12. (A) pressing (B) coming
(C) to leave (D) happening
(E) to cause
13. (A) heavy (B) creative
(C) flinging (D) level
(E) drab
14. (A) dancing (B) singing
(C) flinging (D) arranging
(E) shouting
15. (A) lying (B) speaking
(C) telling (D) talking
(E) happening

Directions for Questions 16 – 20: Fill the blanks in each of the following sentences with the most appropriate option.

16. After staying ___ England with his wife and family for two months, Gulliver undertakes his next sea voyage, which takes him to land ___ giants called Brobdingnag.
(A) in, of (B) on, in
(C) into, for (D) at, from
(E) of, on
17. The Maggi ban last year ___ shown how brand ambassadors ___ receive flak in case the brand falters.
(A) had, must (B) have, should
(C) has, can (D) have, could
(E) had, might
18. The recent two months have witnessed ___ unusually active seismic activities across the globe, as a string of powerful earthquakes have jolted Ecuador, Japan, Myanmar, Afghanistan and Indonesia, killing dozens of people and triggering ___ tsunami alerts.
(A) little, some
(B) much, many
(C) such, more
(D) some, several
(E) more, much
19. Policyholders need to ___ how grievance redressal works ___ the recourse available if the steps taken fail to satisfy them.
(A) knew, still
(B) know, further
(C) understand, as well as
(D) understood, additional
(E) know, likewise
20. ___ new settlers arrive, the community _____.
(A) if, bursts
(B) while, strengthens
(C) since, depletes
(D) for, declines
(E) as, grows

Directions for Questions 21 – 25: Rearrange the following six sentences 1, 2, 3, 4, 5 and 6 in the proper sequence to form a meaningful paragraph; and then answer the questions given below them.

1. They planned to get rid of him.
2. The other thieves were jealous of him.
3. Devan was a clever thief.
4. They challenged him to steal the King's pyjamas.
5. Devan accepted the challenge.
6. He robbed the rich and gave all to the sick and the needy.

21. What should be the second line of the given passage?
(A) 5 (B) 3 (C) 6
(D) 1 (E) 2
22. What should be the fourth line of the given passage?
(A) 6 (B) 3 (C) 1
(D) 2 (E) 4
23. What should be the fifth line of the given passage?
(A) 5 (B) 4 (C) 1
(D) 6 (E) 3
24. What should be the sixth line of the given passage?
(A) 1 (B) 5 (C) 6
(D) 4 (E) 3
25. What should be the third line of the given passage?
(A) 2 (B) 5 (C) 6
(D) 3 (E) 1
- Directions for Questions 26 – 30:** Read each sentence to find out whether there is any grammatical error in it. The error, if any, will be in one part of the sentence. The letter of that part is the answer. If there is no error, the answer is (E), i.e. 'No error'. (Ignore the errors of punctuation, if any.)
26. With very few (a) support from (b) friends or family, Anita (c) felt hopeless (d) No error. (e)
- (A) (a) (B) (b) (C) (c)
(D) (d) (E) (e)
27. Tom worked endlessly (a) to make sure that (b) his centre had enough funds for (c) a new computerised machinery (d) No error. (e)
(A) (a) (B) (b) (C) (c)
(D) (d) (E) (e)
28. They are using this opportunity (a) to spread awareness about (b) the issue of abortion, women and families in need, and ultimately (c) protecting the sanctity of human life (d) No error. (e)
(A) (a) (B) (b) (C) (c)
(D) (d) (E) (e)
29. After dinner, the kids went (a) to bed, and Johnny (b) sat down in the couch (c) to play video games (d) No error. (e)
(A) (a) (B) (b) (C) (c)
(D) (d) (E) (e)
30. We were greeted (a) at the front desk (b) by an old woman with a warm smile (c) who introduced himself as Alexis (d) No error. (e)
(A) (a) (B) (b) (C) (c)
(D) (d) (E) (e)

Numerical Ability (35 Questions)

Directions for Questions 31 – 35: What will come in place of the question mark (?) in the following questions?

31. $(3.48 \times 2.4 + 1.05 \times 0.03) \div ? = 0.1035$
(A) 27 (B) 243 (C) 81
(D) 144 (E) 148
32. $\frac{5}{11}$ of $\frac{4}{5}$ of $\frac{11}{16}$ of 848 = ?
(A) 216 (B) 222 (C) 208
(D) 212 (E) None of these
33. $\sqrt{36864} \times \sqrt{1681} - (85)^2 = (?)^2 + 22$
(A) 22 (B) 23 (C) 24
(D) 25 (E) None of these
34. $\sqrt{\sqrt{2500} - \sqrt{961}} = (?)^2$
(A) 81 (B) 3
(C) 6561 (D) 9
(E) None of these

35. $3\frac{18}{24} \times 6\frac{14}{48} \times 12\frac{1}{6} + 3\frac{2}{4} = ?$
(A) 291.48 (B) 290.56
(C) $290\frac{12}{18}$ (D) $291\frac{13}{14}$
(E) None of these

Directions for Questions 36 – 40: What should come in place of the question mark (?) in the following questions?

36. $97336 \div 12167 \times (?)^2 = 32$
(A) 4 (B) 1 (C) 2
(D) 3 (E) None of these
37. $20.25 \div 5$ of 5 + 25% of 460 = ?
(A) 115.81 (B) 135.25
(C) 110.25 (D) 115.45
(E) None of these
38. $362.721 + 431.027 - 118.079 = 521.211 + ?$
(A) 154.558 (B) 153.458
(C) 154.458 (D) 153.558
(E) None of these

39. $(23)^2 + 546/27 = ? \times 12$
 (A) 43.75 (B) 42.27
 (C) 45.77 (D) 47.27
 (E) None of these
40. $(\sqrt{8} \times \sqrt{8})^{1/2} + (9)^{1/2} = (?)^3 + \sqrt{8} - 340$
 (A) 7 (B) 19 (C) 18
 (D) 9 (E) None of these
- Directions for Questions 41–45:** What should come in place of the question mark/s (?) in the following number series?
41. -9, -17, -26, -43, -69, ?, -181, -293, -474, -767
 (A) -81 (B) -144 (C) -196
 (D) -121 (E) -112
42. 13, 15, 33, 103, ?, 2091, 12553
 (A) 638 (B) 529 (C) 419
 (D) 417 (E) 1063
43. 3 4 16 75 364 ?
 (A) 783 (B) 828
 (C) 1293 (D) 1945
 (E) None of these
44. 8, 10, 18, 44, 124, ?
 (A) 344 (B) 366 (C) 354
 (D) 356 (E) None of these
45. -1, 0, -4, -3, -7, -6, -10, -9, ?, ?
 (A) 9, 10 (B) 4, 8
 (C) 10, 4 (D) -13, -12
 (E) 8, 9
46. A mixture of 70 litres of wine and water contains 10 percent of water. How much water must be added to make water 37 percent of the resulting mixture (in litres)?
 (A) 30 (B) 37 (C) 63
 (D) 67 (E) 40
47. A man purchased a packet of 10 pens and got 2 pens free with it. He marked the price 20% more than the C.P. If he did not allow any discount and sold all the 12 pens at this price, what was his profit percentage?
 (A) 20% (B) 40%
 (C) 44% (D) 50%
 (E) 60%
48. A businessman purchased an article and marked its price at 30% more. After allowing a discount of 10%, he earned Rs. 1,020 as profit. What is the cost price of the article?
 (A) Rs. 3,250 (B) Rs. 4,500
 (C) Rs. 5,400 (D) Rs. 6,000
 (E) Rs. 6,400
49. Rohit has a loan of Rs. 8,000 from 2 different banks A and B. He took some amount from bank A at 4% p.a. and the remainder from bank B at 5% per year. The annual interest he paid for both is Rs. 350. How much in rupees has he borrowed from each bank?
 (A) 3,500, 4,500 (B) 5,000, 3,000
 (C) 3,000, 5,000 (D) 4,500, 3,500
 (E) None of these
50. Out of the 850 people surveyed for their fish preferences, 44% liked Salmon, 28% Tuna, 10% Mackerel and rest liked others. How many people selected others as an option?
 (A) 173 (B) 143 (C) 153
 (D) 163 (E) 133
51. The average weight of 12 oil drums is 60 kg, which is equal to the difference between the weights of the two heaviest drums. If the average weight of the remaining 10 drums is half the total average weight, find the weight of the heaviest drum.
 (A) 340 kg (B) 300 kg
 (C) 240 kg (D) 200 kg
 (E) 150 kg
52. The average age of 8 persons in a committee increases by two years when 2 men aged 35 years and 45 years are substituted by 2 women. Find the average age of the two women.
 (A) 48 years (B) 50 years
 (C) 56 years (D) 60 years
 (E) 75 years
53. Two friends A and B together purchased an article. First A paid 50% of the money and then B paid 50% of the rest. Again A paid 50% of the remaining and then B and it continues. How much percentage of the money did A pay in total?
 (A) 33.33 (B) 50
 (C) 66.66 (D) 75
 (E) Cannot be determined
54. A job can be completed by 10 men in 20 days and by 20 women in 15 days. How many days will 5 men and 10 women take to complete the work?
 (A) $17\frac{1}{2}$ (B) $17\frac{1}{7}$ (C) 17
 (D) $17\frac{1}{120}$ (E) 16
55. P, Q and R are employed to do a piece of work for Rs. 529. P and R are supposed to finish $19/23$ of the work together. How much shall be paid to Q?
 (A) Rs. 82 (B) Rs. 92
 (C) Rs. 300 (D) Rs. 437
 (E) Rs. 105

56. Two pipes A and B can fill a tank in 15 hours and 20 hours, respectively. How long will it take to fill the tank if both pipes are used together?

(A) $12\frac{1}{4}$ hours (B) $17\frac{1}{2}$ hours
(C) $8\frac{4}{7}$ hours (D) $15\frac{4}{7}$ hours
(E) None of these

57. A man travels a certain distance at the rate of 20 km per hour and returns to the same point at the rate of 30 km per hour. His average speed for the whole journey is

(A) 22 km/hr (B) 24 km/hr
(C) 25 km/hr (D) 26 km/hr
(E) 28 km/hr

58. An oil container ship 125 m long passes a fishing boat, sailing at 5 kmph in the same direction as that of the ship, in 10 seconds. Find the speed of the ship.

(A) 50 km/hr (B) 45 km/hr
(C) 40 km/hr (D) 34 km/hr
(E) 32 km/hr

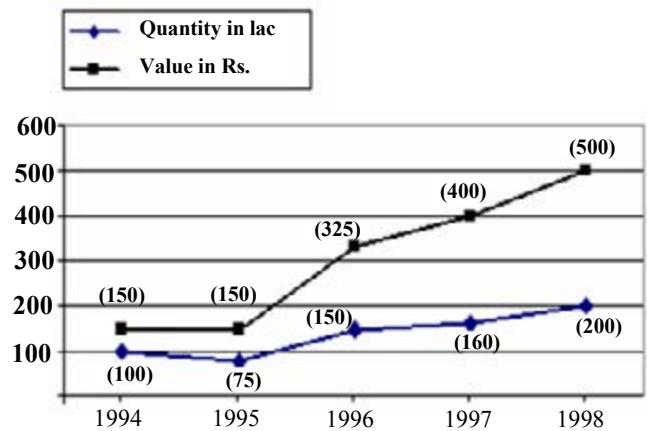
59. Speed of a boat in still water is 15 kmph and the speed of the current is 3 kmph. Wind of speed 2 kmph is blowing in the opposite direction of the current. The distance travelled downstream in 15 minutes is

(A) 4 km (B) 3.5 km
(C) 5 km (D) 4.5 km
(E) None of these

60. Brown starts 2 hours after John and overtakes him in 4 hours. If the difference between the speeds of John and Brown is 20 kmph, what is the distance travelled by Brown before meeting John?

(A) 60 km (B) 160 km
(C) 240 km (D) 320 km
(E) None of these

Directions for Questions 61 – 65: These questions are based on the following line graph showing the quantity of cashew nuts exported and its value (in Rs. crores):



61. In which year was the value per kg minimum?
(A) 1994 (B) 1995
(C) 1996 (D) 1997
(E) 1998

62. What was the difference in volumes exported in 1996 and 1997?
(A) 1000 kg (B) 10000 kg
(C) 100000 kg (D) 1000000 kg
(E) 10000000 kg

63. What was the approximate percentage increase in export value from 1994 to 1998?
(A) 130% (B) 230%
(C) 330% (D) 350%
(E) 430%

64. What was the percentage drop in export quantity from 1994 to 1995?

(A) 0% (B) $3\frac{1}{3}\%$
(C) 15% (D) 25%
(E) 75%

65. If in 1997, cashew nuts were expected at the same rate per kg as that in 1996, what would be the value of exports in 1997?

(A) Rs. 330 crores (B) Rs. 375 crores
(C) Rs. 400 crores (D) Rs. 470 crores
(E) Rs. 416 crores

Reasoning Ability (35 Questions)

66. If RAVE is coded as NXTD, how will YOUR be coded?

(A) LUSQ (B) ULSQ
(C) LUQS (D) ULQS
(E) QLSQ

67. In a certain code, 'CATASTROPHIC' is written as '%7@7+@-/&#!%'. How is 'ROAST' written in that code?

(A) -/7+@ (B) @+/-/#
(C) -/7#@ (D) -+7@/#
(E) #+/-/&

68. Study the following information to answer the given question.

In a certain code, 'They are good players' is written as 'ko gi ml kh'

'Many players are educated' is written as 'gi kh zx ws'

'Educated students are intelligent' is written as 'kh ws pq yr'

'Some students are dumb' is written as 'er kh pq vh'

What is the code for 'students'?

- (A) pq (B) yr (C) er
(D) kh (E) Cannot be determined

69. Pointing to a picture, Vikram says, 'Sheela is the sister of my child's grandfather.' How is Vikram related to Sheela?
(A) Son (B) Nephew
(C) B (D) Uncle
(E) None of these
70. Pointing to Shallu, Dhoni says, 'Her mother's brother's son is my father.' How is Dhoni related to Shallu?
(A) Uncle (B) Cousin
(C) Nephew (D) Grandson
(E) None of these
71. P is the brother of Q, M is the father of Q and N is the grandson of M. How is N related to P?
(A) Son (B) Nephew
(C) Cousin (D) Cannot be determined
(E) None of these
72. Kanika starts walking from point A in North. After walking for 5 km, she takes a right turn and walks for 4 km. After that she takes another right and stops after walking 8 km at point D. Kanika is how far from the starting point and in which direction?
(A) 5.5 km North (B) 5 km, South-East
(C) 7 km, South (D) 6.4 km, South-West
(E) None of these
73. Gurpreet travelled 4 km in East direction and then took a left turn and travelled for 3 km. Then he took another right to travel 2 km. At the end, he took the final turn towards the left side and stopped at point P after walking 1 km. Gurpreet is in which direction from the starting point?
(A) East (B) North-West
(C) North-East (D) South-West
(E) South-East

Directions for Questions 74 – 78: Answer the questions based on the following information.

There are four nurses - Anita, Beena, Chaiya and Dimple, working at a private nursing home, which remains open from Monday through Friday. Each nurse works according to the following rules:

On Mondays, only Anita or Beena works.

On Tuesdays, Beena works alone or with one of the other nurses, but not Anita.

On Wednesdays, Chaiya works alone or with one of the other nurses.

On Thursdays, two nurses work together, but Beena is not one of them.

On Fridays, three nurses work together.

74. Beena must work on which of the following days?
(A) Monday (B) Tuesday
(C) Wednesday (D) Thursday
(E) None of these
75. If only Beena and Dimple are working on a particular day, which day must it be?
(A) Monday (B) Tuesday
(C) Wednesday (D) Thursday
(E) None of these
76. If only one nurse is working on a particular day, which of the following must be true?
(A) The day is Monday or Tuesday.
(B) The day is Monday, Tuesday or Wednesday.
(C) The day is Tuesday, Wednesday or Thursday.
(D) The day is Tuesday, Thursday or Friday.
(E) None of these
77. Which of the following CANNOT be a day on which Dimple is surely working, but anyone else may or may not be working?
(A) Monday (B) Tuesday
(C) Wednesday (D) Thursday
(E) None of these
78. If two nurses are working on a particular day and neither of them is Chaiya, which of the following must be true?
(A) It is Monday or Tuesday.
(B) It is Tuesday or Wednesday.
(C) It is Tuesday or Thursday.
(D) It is Wednesday or Thursday.
(E) None of these

Directions for Questions 79 – 83: Study the following information carefully and answer the questions that follow.

Eight friends A, B, C, D, E, F, G and H are sitting around a circular table, facing the centre.

There are three males and five females in the group of friends.

No two males are immediate neighbours of each other.

E sits second to the right of his wife.

C sits third to the right of E.

F sits second to the right of her husband H.

H is not an immediate neighbour of E's wife.

D is a male and G is not an immediate neighbour of E.

B sits second to the right of A.

79. What is the position of D with respect to H?
 (A) Second to the left
 (B) Immediate right
 (C) Third to the left
 (D) Third to the right
 (E) Second to the right
80. Which of the following statements regarding C is definitely correct?
 (A) C is one of the male members of the group.
 (B) Both the immediate neighbours of C are females.
 (C) C sits third to the left of D.
 (D) F is an immediate neighbour of C.
 (E) C sits second to the right of A.
81. Who among the following is E's wife?
 (A) A (B) G (C) B
 (D) D (E) None of these
82. Who among the following has a male sitting to the immediate left as well as immediate right?
 (A) G (B) B (C) A
 (D) C (E) None of these
83. Which of the following is/are true regarding D?
 (A) D is an immediate neighbour of H's wife.
 (B) No male is an immediate neighbour of D.
 (C) A sits second to the right of D.
 (D) The one who sits third to the left of D is a male.
 (E) All of the above

Directions for Questions 84 – 87: Study the following information to answer the given questions.

Six friends P, Q, R, S, T and U are sitting in a row facing South.

R is sitting 3rd to the right of S.

T is sitting 4th to the left of Q.

R and Q are neighbours.

Only two people are sitting between Q and U.

84. What is T's position with respect to P?
 (A) Second to the left
 (B) Third to the right
 (C) Fourth to the left
 (D) Third to the left
 (E) Fourth to the right
85. What is U's position with respect to Q?
 (A) Second to the left
 (B) Third to the right
 (C) Fourth to the left
 (D) Third to the left
 (E) Fourth to the right
86. Who is sitting at the extreme left?
 (A) T (B) S (C) U
 (D) Q (E) R

87. Find the odd one out.
 (A) RQ (B) PS (C) TU
 (D) QP (E) QS

Directions for Questions 88 – 90: The questions are based on five three-digit numbers given below:

519 364 287 158 835

88. If the positions of the first and the third digits within each number are interchanged, which of the following will be the third digit of the second lowest number?
 (A) 9 (B) 4 (C) 7
 (D) 8 (E) 5
89. If the positions of the first and the third digits within each number are interchanged, which of the following will be the middle digit of the second highest number?
 (A) 1 (B) 6 (C) 8
 (D) 5 (E) 3
90. Which of the following is the difference between the second digits of the highest and the lowest of these numbers?
 (A) 3 (B) 1 (C) 2
 (D) 0 (E) None of these

Directions for Questions 91 – 95: Study the following arrangement carefully and answer the questions given below:

B @ K I 9 D © 5 2 T \$ M 4 E J # U R 1 A δ K 5 W 6 %
 F Q 7 H P 8 Z

91. How many such symbols are there in the above arrangement, each of which is immediately preceded by a letter but not immediately followed by a letter?
 (A) None (B) One
 (C) Two (D) Three
 (E) More than three
92. Which of the following is ninth to the right of the twentieth element from the right end of the above arrangement?
 (A) 9 (B) 7 (C) \$
 (D) 5 (E) None of these
93. Which of the following should come in place of question mark (?) in the following series based on the elements in the above arrangement?
 K9D 2\$M JUR ?
 (A) KW (B) 5K5
 (C) 856 (D) δW6
 (E) None of these

94. How many such consonants are there in the above arrangement, each of which is immediately preceded by a number and immediately followed by a symbol?
 (A) None (B) One
 (C) Two (D) Three
 (E) More than three

95. How many such numbers are there in the above arrangement, each of which is immediately followed by a symbol but not immediately preceded by a consonant?
 (A) None (B) One
 (C) Two (D) Three
 (E) More than three

Directions for Questions 96 – 100: In the following questions, the symbols \$, %, @, © and * are used with the following meanings as illustrated below:

'P % Q' means 'P is neither greater than nor smaller than Q'.

'P \$ Q' means 'P is neither smaller than nor equal to Q'.

'P © Q' means 'P is neither greater than nor equal to Q'.

'P * Q' means 'P is not greater than Q'.

'P @ Q' means 'P is not smaller than Q'.

Now in each of the following questions, assuming the given statements to be true, find out which of the three conclusions I, II and III given below them is/are definitely true and give your answer accordingly.

96. **Statements:**
 N @ D, D * K, K \$ A

Conclusions:

I. K @ N

II. A © D

III. N \$ A

- (A) None is true. (B) Only I is true.
 (C) Only II is true. (D) Only III is true.
 (E) Only II and III are true.

97. **Statements:**
 K @ T, T \$ N, N © R

Conclusions:

I. R \$ K

- II. N * K
 III. K \$ N
 (A) None is true.
 (B) Only I is true.
 (C) Only II and III are true.
 (D) Only III is true.
 (E) Only II is true.

98. **Statements:**
 W % K, K © F, D \$ F

Conclusions:

I. D \$ K

II. D \$ W

III. F \$ W

- (A) Only I and III are true.
 (B) Only I and II are true.
 (C) Only II and III are true.
 (D) All I, II and III are true.
 (E) None of these.

99. **Statements:**
 B * K, K © F, F % R

Conclusions:

I. R \$ K

II. R \$ B

III. F \$ B

- (A) Only I and II are true.
 (B) Only I and III are true.
 (C) Only II and III are true.
 (D) All I, II and III are true.
 (E) None of these.

100. **Statements:**
 H \$ M, M % D, D @ K

Conclusions:

I. H \$ D

II. K * M

III. K © H

- (A) Only II is true.
 (B) Only II and III are true.
 (C) Only I and III are true.
 (D) Only I and II are true.
 (E) All I, II and III are true.

Answer Key and Solutions (Prelims)

- 1. Mock Test 1**
- 2. Mock Test 2**
- 3. Mock Test 3**
- 4. Mock Test 4**
- 5. Mock Test 5**
- 6. Mock Test 6**
- 7. Mock Test 7**
- 8. Mock Test 8**
- 9. Mock Test 9**
- 10. Mock Test 10**

IBPS Clerical (Prelims) Mock Test – 1

1. (D)	2. (C)	3. (A)	4. (C)	5. (A)	6. (A)	7. (B)	8. (C)
9. (B)	10. (C)	11. (A)	12. (A)	13. (E)	14. (C)	15. (B)	16. (B)
17. (D)	18. (B)	19. (E)	20. (D)	21. (C)	22. (D)	23. (B)	24. (D)
25. (A)	26. (B)	27. (A)	28. (C)	29. (C)	30. (B)	31. (D)	32. (D)
33. (A)	34. (C)	35. (E)	36. (B)	37. (C)	38. (A)	39. (A)	40. (D)
41. (B)	42. (D)	43. (A)	44. (E)	45. (A)	46. (C)	47. (B)	48. (D)
49. (B)	50. (B)	51. (B)	52. (A)	53. (B)	54. (B)	55. (A)	56. (D)
57. (C)	58. (C)	59. (C)	60. (A)	61. (A)	62. (B)	63. (C)	64. (A)
65. (D)	66. (C)	67. (C)	68. (E)	69. (B)	70. (D)	71. (D)	72. (B)
73. (C)	74. (C)	75. (D)	76. (B)	77. (A)	78. (C)	79. (B)	80. (D)
81. (C)	82. (A)	83. (C)	84. (B)	85. (D)	86. (A)	87. (B)	88. (E)
89. (D)	90. (D)	91. (E)	92. (D)	93. (D)	94. (B)	95. (D)	96. (A)
97. (D)	98. (C)	99. (D)	100. (D)				

1. **Answer: (D)**
The story centres around the three dolls.
2. **Answer: (C)**
This quality is suggested in the final line 'For every storyteller changes the story just a little to make it his own.'
3. **Answer: (A)**
'They watched the Sultan who was now **mystified**.' Mystified means the same as puzzled.
4. **Answer: (C)**
The Storyteller passed a hair through each doll's ear, not the Sultan.
5. **Answer: (A)**
Pluck means to uproot. Hence, planted is the correct answer here.
6. **Answer: (A)**
Identical and indistinguishable both refer to something that cannot be told apart.
7. **Answer: (B)**
Both shut and pursed mean something that is closed tightly.
8. **Answer: (C)**
Retained refers to keeping something. Hence, lose is the correct antonym here.
9. **Answer: (B)**
Both inspected and examined mean to carefully look at something.
10. **Answer: (C)**
Both greeted and welcomed refer to politely calling out someone.
11. **Answer: (A)**
Only 'discarded' fits here. Options 3, 4 and 5 render the sentence incomplete. We use 'disposed of', 'kept away' and 'threw away'. Kept can't be used as she no longer needed the alarm clock to wake her and she wanted to throw it away.
12. **Answer: (A)**
'Lying in bed' is the correct phrase. Lying under, over, inside or above the bed is incorrect.
13. **Answer: (E)**
Here, 'no longer' is the correct phrase which means 'not now as earlier'. Other options do not fit.
14. **Answer: (C)**
We need a reflexive pronoun here for **her**, which is **herself**.
15. **Answer: (B)**
'**Anything**' is used in negative sentences. '**Nothing**' is incorrect as double negatives are not used. **Something** and **everything** are used in positive sentences.
16. **Answer: (B)**
Since the subject (delay) is singular, 'was' should be used instead of 'were'.
17. **Answer: (D)**
'Food bowl' is the correct phrase which means an area where the main occupation is agriculture and produces grains for country's consumption.
18. **Answer: (B)**
'Whether' should replace 'weather'. 'Whether' is used to introduce first of two or more alternatives.
19. **Answer: (E)**
There is no error in the sentence.
20. **Answer: (D)**
Since the sentence is in the past perfect tense, 'raised' should replace 'raising'.
21. **Answer: (C)**
'Believes in' is the correct phrase.
22. **Answer: (D)**
'Alarming levels' is the correct phrase which means dangerous levels.
23. **Answer: (B)**
Article 'the' should be omitted. 'The' is used to refer to a particular situation, but in the sentence, there is no particular situation.

24. **Answer:** (D)
‘Who’ is used to denote a person. For Vitamin C, ‘which’ should be used.
25. **Answer:** (A)
Preposition ‘to’ should be used. Changes are made ‘to’ something.

Solution for Questions 26 – 30:

Sentence 2 introduces the stag. Sentence 5 should follow it because he went to the pond as he was thirsty. Sentence 6 should follow it as it explains the pond.

Sentence 1 should be the fourth line as the stag will bend down before seeing his reflection. Sentence 4 will follow it as it states that he sees his reflection.

Sentence 3 will be last as he can be proud only after seeing his reflection.

26. **Answer:** (B)
27. **Answer:** (A)
28. **Answer:** (C)
29. **Answer:** (C)
30. **Answer:** (B)
31. **Answer:** (D)
 $59.687\% \text{ of } 235.643 + 81.019\% \text{ of } 249.853 - 254.632 = ?$
 $= 140.648 + 202.428 - 254.632$
 $= 88.444$
32. **Answer:** (D)
 $\sqrt{\sqrt{3600} + \sqrt{441}} = \sqrt{60 + 21} = \sqrt{81}$
33. **Answer:** (A)
 $(?)^2 = \frac{126}{14} \times 9 \times 9 - 53$
 $(?)^2 = 9 \times 9 \times 9 - 53$
 $(?)^2 = 729 - 53$
 $(?)^2 = 676$
 $(?)^2 = (26)^2$
 $? = 26$
34. **Answer:** (C)
 $92 \times 576/2 \sqrt{1296} = ?^3 + \sqrt{49}$
 $52992/72 - 7 = ?^3$
 $?^3 = 729$
 $? = 9$
35. **Answer:** (E)
 $\frac{(74 \times 4 + 18 \times 3)}{(\sqrt{441} \times 5 + 139)} = \frac{(296 + 54)}{(105 + 139)} = \frac{(350)}{(244)}$
Hence, option (E) is correct.
36. **Answer:** (B)
 $? = \frac{4900 + 7843 - 7100}{21} \approx \frac{4900 + 740}{21}$
 $\approx \frac{5640}{21} \approx \frac{5340}{20} \approx 270$
37. **Answer:** (C)
Let $62\% \text{ of } 525 - 34\% \text{ of } 310 = x$
 $325 - 105 = x$
 $220 = x$
38. **Answer:** (A)

$$\begin{aligned}\text{Let } x &= 4.03 \times 7.82 + 51.2 \times 3.06 \\ x &= 4 \times 7.80 + 51.2 \times 3 \\ x &= 31.2 + 153.6 \\ x &= 184.8 \approx 185\end{aligned}$$

39. **Answer:** (A)
 $(49.99)^2 - (8.9)^2 - (15.9)^2$
 $= (50 - 0.01)^2 - (9 - 0.1)^2 - (16 - 0.1)^2$
 $= 50^2 - 9^2 - 16^2 + (0.01)^2 - (0.1)^2 - (0.1)^2 - 2$
 $= (50)(0.01) + 2(9)(0.1) + 2(16)(0.1)$
 ≈ 2165
40. **Answer:** (D)
The approximate values for the given expression can be $\frac{340}{20} \div \frac{30}{510} \times \frac{180}{60} = 17 \times 17 \times 3 = 867$.
So, the approximate answer is 870.
41. **Answer:** (B)
1st series = 6, 11, 17, 24, __
 $6 + 5 = 11$
 $11 + 6 = 17$
 $17 + 7 = 24$
 $24 + 8 = 32$
2nd series = 10, 15, 21, __
 $10 + 5 = 15$
 $15 + 6 = 21$
 $21 + 7 = 28$
42. **Answer:** (D)
 $11 + (5 \times 1) = 16$
 $16 + (5 \times 2) = 26$
 $26 + (5 \times 3) = 41$
 $41 + (5 \times 4) = 61$
 $61 + (5 \times 5) = 86$
 $86 + (5 \times 6) = 116$
43. **Answer:** (A)
 $857 - 2^1 = 855$
 $855 - 2^2 = 851$
 $851 - 2^3 = 843$
 $843 - 2^4 = 827$
 $827 - 2^5 = 795$
 $795 - 2^6 = 731$
44. **Answer:** (E)
 $589 - (3 \times 10) = 559$
 $559 - (3 \times 20) = 499$
 $499 - (3 \times 30) = 409$
 $409 - (3 \times 40) = 289$
 $289 - (3 \times 50) = 139$
 $139 - (3 \times 60) = -41$
45. **Answer:** (A)
 $22 \times 7.5 = 165$
 $65 \times 15 = 2475$
 $475 \times 22.5 = 55687.5$
 $5687.5 \times 30 = 1670625$
46. **Answer:** (C)
 $\frac{\text{Quantity taken from the first vessel}}{\text{Quantity taken from the second vessel}} = \frac{\frac{5}{8} - \frac{1}{2}}{\frac{1}{2} - \frac{1}{5}}$
 $= 5 : 12$

47. **Answer:** (B)
 Let the MP = p
 Then price after 30% discount = 0.7 p
 Price after successive discounts of 20% and 10% = 0.72 p
 Therefore, $0.02p = 144 \Rightarrow p = 7200$.

48. **Answer:** (D)

$$\text{Fraction of vinegar (A type)} = \frac{25}{100} \times 6 = \frac{150}{100}$$

$$= \frac{15}{10}$$

$$\text{Fraction of vinegar (B type)} = \frac{30}{100} \times 4 = \frac{120}{100}$$

$$= \frac{12}{10}$$

$$\text{New fraction of vinegar} = \left(\frac{15}{10} + \frac{12}{10} \right) = 2.7$$

$$\text{New percentage of vinegar} = \frac{2.7}{10} \times 100 = 27\%$$

49. **Answer:** (B)

Let wholesale price = Rs. 15000

Retailer's price = Rs. 15000 + (60% of Rs. 15000)

= Rs. 24000

Selling price = Rs. 24000 - (20% of Rs. 24000)

= Rs. 19200

Profit = Rs. 19200 - Rs. 15000

= Rs. 4200

$$\text{Profit percentage} = \frac{4200}{15000} \times 100 = 28\%$$

50. **Answer:** (B)

$$\left(1 + \frac{R}{100} \right)^5$$

According to the question, 10000 =

$$5000 \left(1 + \frac{R}{100} \right)^5$$

$$\left(1 + \frac{R}{100} \right)^5 = 2$$

$$A = (5000) \left(1 + \frac{R}{100} \right)^{20}$$

$$= 5000 (2)^4 = 5000 \times 16 = \text{Rs. } 80,000$$

51. **Answer:** (B)

Let C and T be the cost prices of chair and table, respectively.

$$\text{Then, } \frac{C}{T} = \frac{1}{3} \Rightarrow C = \frac{T}{3}$$

$$\frac{C'}{1.1T} = \frac{30}{100} \quad (C' = \text{new price})$$

$$C' = \frac{33T}{100} \quad (C' = \text{new price})$$

$$\begin{aligned} \% \text{ change} &= \frac{\text{Final} - \text{Initial}}{\text{Initial}} \times 100 \\ &= \frac{(33T/100) - (T/3)}{T/3} \times 100 \\ &= -1\% = 1\% \text{ decrease} \end{aligned}$$

52. **Answer:** (A)

As the month begins with Sunday, so there will be 5 Sundays in the month.

$$\text{Required average} = \frac{(510 \times 5 + 240 \times 25)}{30}$$

$$= \frac{8550}{30} = 285$$

53. **Answer:** (B)

Cost price of first type of rice = Rs 1.90 per kg

Cost price of second type of rice

= Rs 1.10 per kg

Selling price of the mixture = Rs 1.56 per kg

$$\text{Therefore, CP} = \frac{100}{120} \times 1.56 = 1.3 \text{ (because gain}$$

= 20%)

Now, applying the rule of alligation:

$$\frac{Q_d}{Q_c} = \frac{1.3 - 1.1}{1.9 - 1.3} = \frac{0.2}{0.6} = \frac{1}{3}$$

54. **Answer:** (B)

Compound interest for two years is Rs. 756.

Simple interest for two years is Rs. 720. Hence, SI for one year is Rs. 360.

Therefore, interest on interest for first year is Rs. 36 (756 - 720 = 36). It is the compounded amount in the next year.

This implies that rate of interest is 10%

$$\left(\frac{36}{360} \times 100 \right)$$

The principal for the first year was Rs. 3600.

$$\frac{P \times 10 \times 1}{100} = 360 \Rightarrow P = 3600$$

Now,

$$\Rightarrow \frac{P \times k \times k}{100} = \text{S.I.}$$

$$\Rightarrow \frac{3600 \times k^2}{100} = 900$$

$$\Rightarrow k = 5$$

55. **Answer:** (A)

Total increase in age = $8 \times 2 = 16$ years

Sum of the ages of two new men = $23 + 21 + 16 = 60$ years

$$\text{Average age of two new men} = \frac{60}{2} = 30 \text{ years}$$

56. **Answer:** (D)

Buying price = Rs. 80

Let printed price = Rs. X

$$\text{Rebate} = 66\frac{2}{3}\%$$

So, according to question,

$$\text{Rs. } 80 = \text{Rs. } x - 66\frac{2}{3}\% \text{ of } x \quad \dots (i)$$

$$66\frac{2}{3}\% \text{ of } x = \frac{200}{3}\% \text{ of } x$$

$$= \frac{2}{3}x$$

Put this in (i)

$$80 = x - \frac{2}{3}x$$

$$80 = \frac{3x - 2x}{3}$$

$$3x - 2x = 3 \times 80$$

$$x = \text{Rs. } 240$$

57. **Answer: (C)**

Let initial average age of 10 teachers = x

Total age of 10 teachers = 10x

Now, when teachers with ages 34 years and 40 years left;

Average age of 8 teachers = x - 2

Total age of 8 teachers = 8(x - 2)

Now, according to question;

$$8(x - 2) = 10x - (40 + 34)$$

$$8(x - 2) = 10x - 74$$

$$2x = 58$$

$$x = 29$$

58. **Answer: (C)**

Let the number of days in which company B can complete the construction = x days

Number of days in which company A can complete the construction = 12 days

Number of days in which both companies A and B can complete the construction = (x - 1) days

According to question;

$$\frac{1}{x} + \frac{1}{12} = \frac{1}{(x-1)}$$

$$(12 + x)(x - 1) = 12x$$

$$x^2 - x - 12 = 0$$

$$x^2 - 4x + 3x - 12 = 0$$

$$(x + 3)(x - 4) = 0$$

Either x = -3 (not possible) or 4

So, both can complete the construction in 4 days.

Number of days in which both companies A and B can complete the construction = (4 - 1) = 3 days

59. **Answer: (C)**

$$\text{Work done by pipe A in 1 hour} = \frac{1}{5}$$

$$\text{Work done by pipe B in 1 hour} = \frac{1}{6}$$

From 8:30 to 10 am, amount of work done by pipe

$$B = \frac{1}{4}$$

Now, when pipe A was opened:

$$\text{Work done by pipe A} = \frac{1}{4}$$

That means, it will take 6 hours from 10 am to completely empty the tank.

So, pipe B can complete the task at 4 pm.

60. **Answer: (A)**

Let H invest 5x per month for 1 year.

Then, Q invested 6x per month for 1 year.

R invested 6x per month for 6 months.

Profit

$$20\% \text{ of } (H + Q + R) = \frac{1}{5} (5x \times 12) + (6x \times 12) +$$

$$(6x \times 6) = 98000$$

$$\frac{1}{5} (132x + 36x) = 98000$$

$$\frac{168x}{5} = 98000 \Rightarrow x = \frac{98000 \times 5}{168}$$

$$\text{R's contribution} = 36x$$

$$= \frac{98000 \times 5}{168} \times 36$$

$$= 105000$$

61. **Answer: (A)**

Sales are approximately $(451 \times 0.88) = 400$ (approximately) for Godrej

So, it is $\frac{400}{600} \times 100$, i.e. approximately 66% of the

installed capacity.

All others are either less than or around 50%.

62. **Answer: (B)**

Total production = 980

Total sales = 920

920 is 93% of 980.

[Only choice greater than 90]

63. **Answer: (C)**

(Sales and installed capacities are in '000) Total sales = $[451 \times 0.88 + 340 \times 1.04 + 10 \times 0.6 + 143 \times 0.92 + 0.77 \times 36] = 920$

Total installed capacity = 2770

920 is roughly $\frac{1}{3}$ of 2770.

64. **Answer: (A)**

Since sales are 104% of production for Kelvinator, the excess 4% must be the stock at the beginning of 1998-99.

$$\text{Hence, the least stock} = \frac{4}{100} \times (340000) = 13,600$$

65. **Answer: (D)**

Stock at the end of 1998 - 99 = Opening stock + Balance after sales

$$= 35000 + 451000 \times 0.12 = 89,120 \text{ [as Balance} = 450(1 - 0.88)]$$

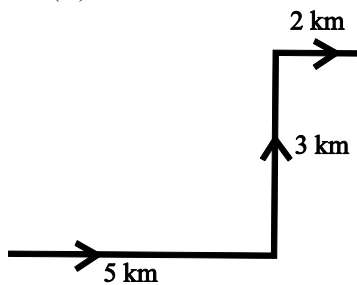
66. **Answer: (C)**

Code for each word is given below:

(i) From the first two sentences, we get 'he' - 'gh'.

(ii) From the first and third sentences, we get 'cricket' - 'pt'.

67. **Answer:** (C)
Code for each word is given below:
(i) From the first two sentences, we get 'he' - 'gh'.
(ii) From the first and third sentences, we get 'cricket' - 'pt'.
From the above sentences, playing can be either db or er.
68. **Answer:** (E)
It cannot be determined with the given information.
69. **Answer:** (B)
As C and D are sister and brother, A is the son of the grandfather of C.
Hence, A is the father of C and D, where D is a boy. So, their relation is of father and son.
70. **Answer:** (D)



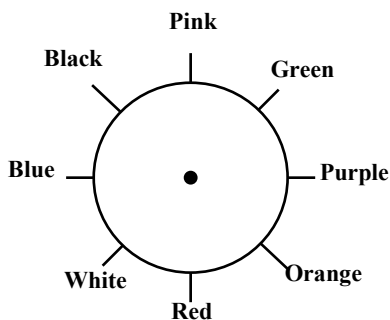
Solutions for Questions 71 – 75:



71. **Answer:** (D)
72. **Answer:** (B)
73. **Answer:** (C)
74. **Answer:** (C)
75. **Answer:** (D)

Solution for Questions 76 – 80:

The order of the girls sitting in the circle facing the centre is red, white, blue, black, pink, green, purple and orange. This is when moving in clockwise direction.



76. **Answer:** (B)
77. **Answer:** (A)
78. **Answer:** (C)

79. **Answer:** (B)
80. **Answer:** (D)

Solution for Questions 81 – 85:

Three males are Q, R and T

Three females are S, O and P

Q → Lawyer

S → Doctor

R → Teacher

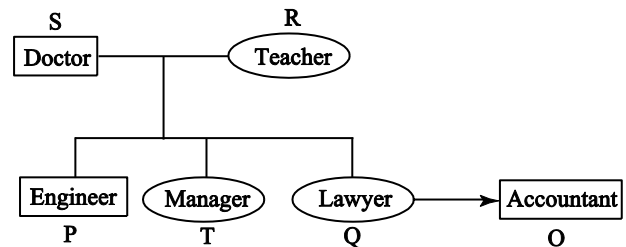
T → Manager

P → Engineer

O → Accountant

Two married couples are O and Q, R and S

Unmarried people are P and T.



81. **Answer:** (C)
82. **Answer:** (A)
83. **Answer:** (C)
84. **Answer:** (B)
85. **Answer:** (D)
86. **Answer:** (A)

823 (791) 645 976 418
3rd highest
7 + 9 = 16

87. **Answer:** (B)

967 823 719 (654) 481
2nd lowest
6 + 4 = 10

88. **Answer:** (E)

A.T.Q.

382 179 564 697 841
841 697 564 382 179
841
697
144

89. **Answer:** (D)

238 917 456 769 (184)
lowest
8 + 4 = 12

90. **Answer:** (D)

Total number of boys = position of A from left end
+ position of B from right end + number of boys
between them
= 8 + 19 + 18 = 45

91. **Answer:** (E)
From both the statements, we get that Arun's birthday is on Thursday.
92. **Answer:** (D)
Justification:
From I:
go home now $\rightarrow$ ja ho na
From II:
come home later $\rightarrow$ pa ta ho
Therefore,
go $\rightarrow$ 'ja' or 'na'
Therefore, both statements are incapable of answering the question.
Hence, it is the correct answer.
93. **Answer:** (D)
The pattern is not followed in (D). Starting from 6, next right is J, then two towards left is D, and then three towards right is Q, but here it is given 7, which is wrong.
94. **Answer:** (B)
Solution: There is only one number which follows the given conditions, i.e. L 1 O.
95. **Answer:** (D)
 $G + 1 = H$
 $H + 2 = J$
 $J + 3 = M$
 $M + 4 = Q$
 $Q + 5 = V$

96. **Answer:** (A)
 $A \# B, B \odot C, C \% D$
 $A \geq B > C = D$
 $A > C$
 $A = D$
Therefore, $A \odot C$ is true.
97. **Answer:** (D)
 $A < B \leq C > D$
No relation can be defined between A and C, and B and D.
98. **Answer:** (C)
Statements:
 $M \$ N, N \% O, O @ P$
 $M < N = O \leq P$
N can be less than or equal to P. Therefore, either I or II can be true.
99. **Answer:** (D)
Statements:
 $A \odot B, B \$ C, C \# D$
 $A > B < C \geq D$
No relation can be defined between A and C, and C and D.
100. **Answer:** (D)
First letter of all the given words is 'A', so the second letter will be seen. Here, 'P' is there, which comes after the second letter of all the options. Hence, this will be fifth in the sequence.

IBPS Clerical (Prelims) Mock Test – 2

1. (D)	2. (C)	3. (B)	4. (C)	5. (D)	6. (B)	7. (A)	8. (A)
9. (C)	10. (E)	11. (A)	12. (B)	13. (D)	14. (E)	15. (B)	16. (B)
17. (C)	18. (A)	19. (D)	20. (C)	21. (B)	22. (D)	23. (A)	24. (C)
25. (B)	26. (A)	27. (E)	28. (A)	29. (D)	30. (D)	31. (C)	32. (C)
33. (E)	34. (A)	35. (C)	36. (D)	37. (A)	38. (B)	39. (B)	40. (C)
41. (D)	42. (D)	43. (D)	44. (C)	45. (E)	46. (D)	47. (A)	48. (A)
49. (C)	50. (A)	51. (C)	52. (C)	53. (D)	54. (D)	55. (A)	56. (D)
57. (A)	58. (B)	59. (A)	60. (B)	61. (E)	62. (A)	63. (A)	64. (C)
65. (C)	66. (D)	67. (A)	68. (E)	69. (C)	70. (A)	71. (C)	72. (A)
73. (C)	74. (E)	75. (D)	76. (E)	77. (A)	78. (B)	79. (D)	80. (B)
81. (A)	82. (E)	83. (C)	84. (D)	85. (B)	86. (B)	87. (C)	88. (E)
89. (C)	90. (B)	91. (B)	92. (E)	93. (C)	94. (B)	95. (B)	96. (A)
97. (A)	98. (D)	99. (D)	100. (A)				

1. **Answer: (D)**
All of the options describe the farmer correctly.
2. **Answer: (C)**
The cow accepted its fate without any cry or resistance. So, it was not a rebellious animal.
3. **Answer: (B)**
'The Farmer and His Cow' is a title that best represents the two main characters of the story.
4. **Answer: (C)**
'...felt such guilt that he had even suggested eating his faithful cow.' suggests that it was his own guilt that stopped him.
5. **Answer: (D)**
Ah Niu was forced to think about eating his cow due to his inability to bear starvation.
6. **Answer: (B)**
Both supplementary and additional mean something extra, and are thus, synonyms.
7. **Answer: (A)**
Elated means to be happy and depressed is the correct antonym for it.
8. **Answer: (A)**
Both starvation and hunger mean the state of being deprived of food, so they are synonyms.
9. **Answer: (C)**
Contented means to be satisfied. Hence, dissatisfied is the required antonym.
10. **Answer: (E)**
Both sacred and revered refer to something that is respected and worshipped.
11. **Answer: (A)**
Here, we need a word to tell that the tree was not like other trees. So, **different** is the correct word.
12. **Answer: (B)**
Only 'neglect' fits in the context of the passage here.
13. **Answer: (D)**
'Cut down' is the correct phrase. It means to chop a tree until it is felled.

14. **Answer: (E)**
Here, 'could' refers to the inability of the men to use the curvy tree to make furniture items. 'Can' is incorrect because the sentence is in past tense.
15. **Answer: (B)**
The curvy tree was left because it was unique. So, special is the correct word to refer to it.

Solution for Questions 16–20: Sentence E should be the first line as it introduces the rich man. Sentence A should follow it as it gives a continuation to the feast. Sentence F should be third as here, pronoun 'it' has been used for fish. Sentence C should follow it as it introduces the fisherman. B will follow it as it starts with a conjunction 'but'. Sentence D will be last as in this, the fisherman agrees to give half the reward to the gate keeper.

16. **Answer: (a)**
17. **Answer: (E)**
18. **Answer: (B)**
19. **Answer: (D)**
20. **Answer: (C)**
21. **Answer: (B)**
Article 'an' should be used before anonymous as it starts with a vowel sound.
22. **Answer: (D)**
'Course' should have been used here, as it means progress through time. 'Coarse' means rough texture.
23. **Answer: (A)**
'Their' should have been used in place of 'there'. Here, it refers to the parents.
24. **Answer: (C)**
Paintings are 'put up' on the walls.
25. **Answer: (B)**
'Since' should be used in place of 'when'. 'Since' is used to specify the starting to an event.
26. **Answer: (A)**
It should be 'young men' as it is preceded by 'two'.

27. **Answer:** (E)
The sentence is correct.
28. **Answer:** (A)
'Week' should be used instead of 'weak'.
29. **Answer:** (D)
'His' is the correct word as the sentence already uses 'his' in the first clause.
30. **Answer:** (D)
'Negativity' should be used here, as it is the quality of being negative.
31. **Answer:** (C)
 $86 + ? = 156$
 $? = 156 - 86$
 $? = 70$
32. **Answer:** (C)
 $3\frac{6}{7} - 6\frac{1}{4} + 5\frac{1}{3} = ?$
 $\frac{27}{7} - \frac{25}{4} + \frac{16}{3} = ?$
 $\frac{324 - 525 + 448}{84} = ?$
 $\frac{772 - 525}{84} = ?$
 $\frac{247}{84} = ?$
 $? = 2\frac{79}{84}$
33. **Answer:** (E)
 $12.5\% \text{ of } 1250 + 35\% \text{ of } 1350 = ?$
 $156.25 + 472.5 = ?$
 $628.75 = ?$
34. **Answer:** (A)
 $25646/245 + 124 \times 210 - 4410 = ?$
 $104.68 + 26040 - 4410 = ?$
 $= 21734.68$
35. **Answer:** (C)
 $25\% \text{ of } 360 \times ?\% \text{ of } 88 = 3168$
 $90 \times (? \times 88)/100 = 3168$
 $? = 40$
36. **Answer:** (D)
 I. $3P^2 - 54P + 231 = 0$
 Dividing I by 3
 $3(P^2 - 18P + 77) = 0$
 $P^2 - 18P + 77 = 0$
 $P^2 - 11P - 7P + 77 = 0$
 $P(P - 11) - 7(P - 11) = 0$
 $P = 11, 7$
 II. $6Q^2 - 50Q + 56 = 0$
 Dividing II by 2
 $3Q^2 - 25Q + 28 = 0$
 $3Q^2 - 21Q - 4Q + 28 = 0$
 $3Q(Q - 7) - 4(Q - 7) = 0$
 $Q = \frac{4}{3}, 7$
 So, $P \geq Q$
37. **Answer:** (A)
- I. $8p^2 = 18$
 Divide I by 2
 $4p^2 = 9$
 $p = \frac{3}{2}$
- II. $6q^2 - 27q + 30 = 0$
 Divide II by 3
 $2q^2 - 9q + 10 = 0$
 $2q^2 - 4q - 5q + 10 = 0$
 $2q(q - 2) - 5(q - 2) = 0$
 $q = \frac{5}{2}, 2$
38. **Answer:** (B)
 I. $8p^2 - 48p + 64 = 0$
 Divide I by 4
 $2p^2 - 12p + 16 = 0$
 $2p^2 - 8p - 4p + 16 = 0$
 $2p(p - 4) - 4(p - 4) = 0$
 $p = 2, 4$
 II. $3q^2 - 27q + 60 = 0$
 Divide II by 3
 $q^2 - 9q + 20 = 0$
 $q^2 - 5q - 4q + 20 = 0$
 $q(q - 5) - 4(q - 5) = 0$
 $q = 4, 5$
39. **Answer:** (B)
 $x^2 + 7x + 6 = 0$
 $(x + 1)(x + 6) = 0$
 $x = -1, -6$
 $y^2 + 13y + 42 = 0$
 $(y + 6)(y + 7) = 0$
 $y = -6, -7$
 So, $x \geq y$
40. **Answer:** (C)
 $x^4 = 256$
 $x = 4, -4$
 $y^3 = 729$
 $y = 9$
 So, $y > x$.
41. **Answer:** (D)
 $87 - 3^1 = 84$
 $84 - 3^2 = 75$
 $75 - 3^3 = 48$
 $48 - 3^4 = -33$
42. **Answer:** (D)
 $9 + (2 \times 10) = 29$
 $29 + (2 \times 20) = 69$
 $69 + (2 \times 30) = 129$
 $129 + (2 \times 40) = 209$
 $209 + (2 \times 50) = 309$
43. **Answer:** (D)
 The series follows the following pattern:
 $2^3 + 4 = 12$
 $3^3 + 7 = 34$
 $4^3 + 10 = 74$
 $5^3 + 13 = 138$
 $6^3 + 16 = 232$
 Thus, the next term is 232.

44. **Answer:** (C)
 Adding $(3n - 1)$ each time
 $7 + (3 - 1) = 9$
 $9 + (6 - 1) = 14$
 $14 + (9 - 1) = 22$
 $22 + (12 - 1) = 33$
 $33 + (15 - 1) = 47$
 $47 + (18 - 1) = 64$
45. **Answer:** (E)
 Solution: 1st series: 5, 6, 7, 8
 $5 + 1 = 6$
 $6 + 1 = 7$
 $7 + 1 = 8$
 $8 + 1 = 9$
 2nd series: 3, 6, 9, 12
 $3 + 3 = 6$
 $6 + 3 = 9$
 $9 + 3 = 12$
 $12 + 3 = 15$
46. **Answer:** (D)
 HCF of 27, 33, 45 gives the highest possible amount of milk that can be drawn from 3 drums in least time.
 $27 = 3^3$
 $33 = 3 \times 11$
 $45 = 3^2 \times 5$
 HCF = 3
 Hence, 3 litres is the correct answer.
47. **Answer:** (A)
 Let the first number be x and the second number be y .
 $\frac{3}{7}x = 0.45y$
 $\frac{x}{y} = \frac{0.45 \times 7}{3}$
 $= \frac{0.15 \times 7}{1}$
 $= \frac{15 \times 7}{100}$
 $= \frac{21}{20}$
48. **Answer:** (A)
 Let P, Q and R get $3x$, $4x$ and $7x$, respectively.
 Now, $7x - 3x = 3200$
 So, $4x = 3200$
 So, $x = 800$
 Total number of shares = 12
 So, total amount = $12x = 12 \times \text{Rs. } 800 = \text{Rs. } 9,600$
 So, correct option is (A).
49. **Answer:** (C)
 Amount of sugar in 10-litre solution = 10% of 10 litres = $10/100 \times 10 = 1$ litre
 2 litres of water gets evaporated, so the amount of water left = $10 - 2 = 8$ litres
 New percentage of sugar = $1/8 \times 100 = 12.5\%$
50. **Answer:** (A)
 CP of 9 mangoes = Rs. 35

$$\text{CP of 1 mango} = \text{Rs. } \frac{35}{9}$$

$$\text{SP of 10 mangoes} = \text{Rs. } 55$$

$$\text{SP of 1 mango} = \text{Rs. } \frac{55}{10}$$

$$\text{Profit on 1 mango} = \frac{55}{10} - \frac{35}{9} = \text{Rs. } \frac{145}{90} =$$

$$\text{Rs. } 1.61$$

$$\text{Number of mangoes sold for a net profit of Rs. } 58$$

$$= 58 \times \frac{90}{145} = 36$$

51. **Answer:** (C)

$$\text{Let principal} = P, \text{ rate} = R$$

$$\text{According to question}$$

$$\text{For 2 years,}$$

$$\text{C.I.} - \text{S.I.} = 20$$

$$\left(P \left(1 + \frac{R}{100} \right)^2 - P \right) - \left(\frac{P \times R \times 2}{100} \right)$$

$$P \left(\frac{R}{100} \right)^2 = 20 \dots\dots(1)$$

$$P \left(1 + \frac{R}{100} \right)^3 - P - \left(\frac{P \times R \times 3}{100} \right) = 61$$

$$P + P \left(\frac{R}{100} \right)^3 + 3P \left(\frac{R}{100} \right)^2 + \frac{3RP}{100} - P - \frac{3RP}{100} = 61$$

$$P \left(\frac{R}{100} \right)^3 = 61 - 3P \left(\frac{R}{100} \right)^2$$

$$P \left(\frac{R}{100} \right)^3 = 61 - 60$$

$$P \left(\frac{R}{100} \right)^3 = 1 \dots\dots (B)$$

$$\text{Dividing (A) by (B), we get}$$

$$\frac{100}{R} = \frac{20}{1}$$

$$R = 5\%$$

52. **Answer:** (C)

$$\text{Out of 60, 10 do not have tickets. From the remaining 50, 18\%, i.e. 9 passengers have RAC tickets.}$$

$$\text{So, 9 is 15\% of 60 and 15\% is the required answer.}$$

53. **Answer:** (D)

$$\text{Let the maximum marks be } x.$$

$$\text{Then passing marks will be } 40 + 40 = 80 \text{ marks}$$

$$40\% \text{ of } x \text{ will be equal to 80 marks.}$$

$$40/100 \times x = 80$$

$$x = 8000/40$$

$$x = 200 \text{ marks}$$

54. **Answer:** (D)

$$\text{Let X, Y and Z represent the respective weights.}$$

$$\text{Then, } X + Y + Z = 54 \times 3 = 162 \dots (i)$$

$X + Y = (49 \times 2) = 98 \dots (ii)$
 $Y + Z = (52 \times 2) = 104 \dots (iii)$
 Adding (ii) and (iii), we get:
 $X + 2Y + Z = 202 \dots (iv)$
 Subtracting (i) from (iv), we get:
 $Y = 40$

55. **Answer: (A)**

Average age of father and son = 29 years
 Total age of father and son = 58 years
 Total age after 5 years of father, mother and son = 111 years
 So, total present age of father, mother and son = (111 – 15) years = 96 years
 So, age of mother = 96 – 58 = 38 years

56. **Answer: (D)**

R takes twice as long as A and S together. Thus, he does half the work done by A and S together.

Thus, we can say that R does $\frac{1}{3}$ rd of the work done by all the three working together. A takes thrice the time of the other two. Thus, A does $\frac{1}{3}$ rd

of what others do, implying that A does $\frac{1}{4}$ th of the total work done by all the three. Hence, S does

$(1 - \frac{1}{3} - \frac{1}{4}) = \frac{5}{12}$ th of the work done by all the

three together. Hence, S takes $\frac{12}{5}$ times the time taken by all the three together. Thus, time taken by S = $10 \times \frac{12}{5} = 24$ days.

57. **Answer: (A)**

Time taken for examining each patient = $\frac{180-40}{5}$
 = 28 minutes

If he examines n patients in a day, then $28n + 10(n - 1) = 615$. After examining 16 patients, he is left with 17 minutes. So, he cannot see another patient.

58. **Answer: (B)**

Tap A can fill the tank in $37\frac{1}{2}$ minutes
 $\frac{75}{2}$ minutes.

Tap B can fill the tank in 45 minutes.
 Let tap B be turned off after y minutes.

Now, according to the question,
 $\frac{30}{75} + \frac{y}{45} \Rightarrow y = \left(1 - \frac{30 \times 2}{75}\right) \times 45 = \frac{1}{5} \times 45$
 $\frac{2}{2}$

= 9 minutes

59. **Answer: (A)**

Distance covered by the thief in 1 hour = 40 km
 Distance covered in 30 minutes = 20 km
 Now, let the time taken to catch the thief be 'x'.

Relative velocity = 50 – 40 = 10 kmph (both are moving in the same direction)

Therefore, time taken to catch the thief = $\frac{20 \text{ km}}{10 \text{ kmph}} = 2$ hours

Time = 4:00 p.m. (2 p.m. + 2 hours)

60. **Answer: (B)**

When Bhairav (B) covers 1600 m, Akshay (A) covers (1600 – 256) m. So, when B covers (1600/16) = 100 m, A covers $\frac{256}{16}$ m = 16 m less. When

B covers 100 m, C covers (100 – 4) = 96 m. Thus, the ratio in which A and C cover distances is 84 : 96. In 96 m, C gains (96 – 84) = 12 m over A. So, in 1.5 miles, (i.e. 2400 m), C gains 300 m = $\frac{3}{16}$ mile over A.

61. **Answer: (E)**

Since Machinery is 90°, it is $\frac{1}{4}$ of 360°. Hence, 25%.

62. **Answer: (A)**

Since 360° is Rs. 252 million,
 $\Rightarrow 100^\circ$ will be $\frac{100 \times 252}{360} = \text{Rs. } 70$ million.

63. **Answer: (A)**

Plant cost increases by 20% of Rs.70 million = Rs. 14 millions

$\therefore$ Plant cost would be Rs. 84 Millions.

And the total project cost would be 252 + 14 = Rs. 266 millions

Now 266 is equivalent to 360°.

$\therefore 84$ will be $\frac{84 \times 360}{266} \approx 114^\circ$.

64. **Answer: (C)**

New figures for Salaries and Wages = $55 \times 1.1 = 60.5^\circ = 55 + 5.5$

New figures for Land = $55 \times 0.9 = 49.5^\circ = 55 - 5.5$

Since increase in Salaries and Wages is the same decrease in Land, so there will be no change in the total angle of pie chart. Thus, the new angle of Salaries and Wages = 60.5°.

65. **Answer: (C)**

Difference between Machinery and Plant = $100^\circ - 90^\circ = 10^\circ$

$\therefore \frac{10^\circ}{360} \times 360 = \text{Rs. } 10$ Millions

66. **Answer: (D)**

Codes of words are given below:

S – @

H – #

I – \$

R – %

T – &

A – *

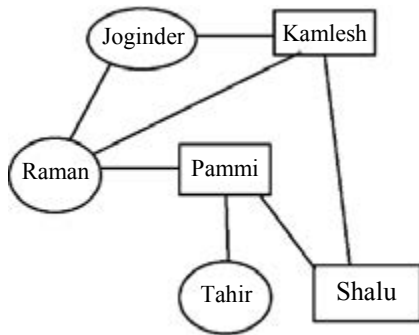
E – <

Hence, RAES is coded as %*<@.

67. **Answer:** (A)
 MTP → I am happy (A)
 CTR → That black happy (B)
 NPS → I very happily (C)
 From (A) and (B) T → happy
 From (A) and (C) P → I
 Thus, from (A) M → am

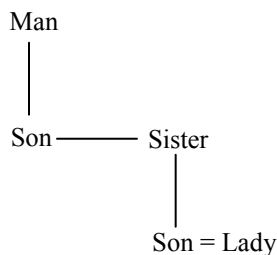
68. **Answer:** (E)
 ltr' and 'are' are common in the first two sentences, which means 'are' is written as 'ltr'. 'flowers' and 'sil' are common in the second and third sentences, which means 'flower' is written as 'sil'. It also means 'blue' is written as 'mad'. But, there is no information about 'makes' and 'vegetables'. Hence, data is insufficient. 'vegetables' could be 'kil' or 'deo'. Hence, it is the correct answer.

69. **Answer:** (C)
 For this question, relations are given below:



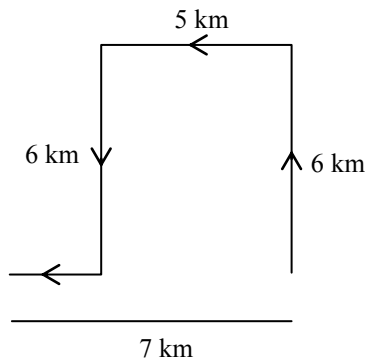
Hence, Raman is the father of Shalu or Shalu is the daughter of Raman.

70. **Answer:** (A)



∴ The husband of the lady is the maternal grandson of the man.

71. **Answer:** (C)

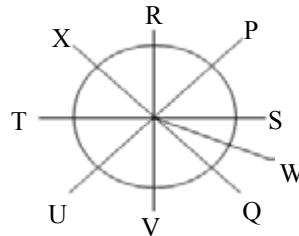


Solution for Questions 72 – 76:

Photographer	Reporter	Technician	Writer
P	S	Q	R
	T	U	

72. **Answer:** (A)
 P is married to S and Q is married to R.
 73. **Answer:** (C)
 74. **Answer:** (E)
 75. **Answer:** (D)
 76. **Answer:** (E)
 We can't determine the pair of husbands because gender is not given in the question.

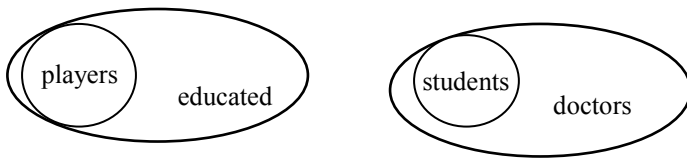
Solution for Questions 77 – 80:



77. **Answer:** (A)
 78. **Answer:** (B)
 79. **Answer:** (D)
 80. **Answer:** (B)
 81. **Answer:** (A)
 Gurpreet's position will be 13th from the top. Therefore, only 1 student will be there between Gurpreet and Jasleen.
 82. **Answer:** (E)
 This is the right answer because the information given in question is not adequate. The tallest person will be either R or Q.
 83. **Answer:** (C)
 There are two such pairs, i.e. EI and ON.
 84. **Answer:** (D)
 According to the arrangement:
 Rahul, Ankush, Manish, Rohit, Aksh
 85. **Answer:** (B)
 If the numbers are replaced in the given manner, then the time will be 12:30.
 86. **Answer:** (B)
 From statement (i), some staplers are calendars, it follows that some calendars are staplers. Therefore, conclusion I follows.
 Again from statement (ii), some calendars are calculators, it follows that some calculators are calendars.
 Therefore, conclusion IV follows.
 87. **Answer:** (C)
 From statements (i) and (ii), all trucks are trunks and no trunk is heavy, it is implied that no truck is heavy. Hence, conclusion I follows. From statement (i), all trucks are trunks, it follows that some trunks are trucks. Hence, conclusion III follows.

88. **Answer:** (E)
All windows are carpets and some carpets are rats imply that some windows are rats. Therefore, no conclusion follows.

89. **Answer:** (C)



90. **Answer:** (E)



91. **Answer:** (B)
The arrangement should be as: Number-Letter-Letter. Hence, only 0JV follows this arrangement.

92. **Answer:** (E)
The arrangement should be as Letter-Number-Symbol. Hence, there are four arrangements (T4%, k5*, Y6!, W1=) following this pattern.

93. **Answer:** (C)
All arrangements consist of an element followed by immediate element, which is then followed by next to next element, except S#0.

94. **Answer:** (D)
There is only one number which is followed by a vowel, i.e. L 1 O.

95. **Answer:** (B)

96. **Answer:** (A)
Statements:
 $S \pi T - S < T$

$$S \square U - S \geq U$$

$$U \Delta W - U = W$$

Conclusions:

$$T * U \Delta W - T > U = W \text{ True}$$

$$S \pi W * U - S < W > U \text{ False}$$

So conclusion I is true

97. **Answer:** (A)

Statements:

$$J * K = J > K$$

$$K * L = K > L$$

We get, $J > K > L$

Conclusions:

$$\text{I. } J * L = J > L - \text{True}$$

$$\text{II. } L \textcircled{R} J = L \leq J - \text{False}$$

98. **Answer:** (D)

Statement:

$$A = B$$

$$D \leq E$$

$$\Rightarrow D \leq E \leq F$$

Conclusions:

$$(i) E > B$$

$$(ii) B \leq E \leq F$$

Not necessarily true.

99. **Answer:** (D)

Statements:

$$Z * P - Z > P$$

$$P * L - P > L$$

$$L * K - I > K$$

$$K * M - K > M$$

$$= Z > P > L > K > M$$

Conclusions:

$$(i) M \textcircled{R} L \textcircled{R} Z - M \leq L \leq Z \text{ False}$$

$$(ii) M \textcircled{R} K \textcircled{R} Z - M \leq K \leq Z - \text{False}$$

100. **Answer:** (A)

$$X < R < M < T < V$$

X earns the least.

IBPS Clerical (Prelims) Mock Test – 3

1. (C)	2. (D)	3. (A)	4. (C)	5. (D)	6. (A)	7. (D)	8. (D)
9. (A)	10. (A)	11. (C)	12. (C)	13. (B)	14. (C)	15. (C)	16. (C)
17. (D)	18. (B)	19. (A)	20. (E)	21. (E)	22. (A)	23. (A)	24. (E)
25. (B)	26. (B)	27. (A)	28. (D)	29. (D)	30. (E)	31. (A)	32. (E)
33. (C)	34. (D)	35. (A)	36. (E)	37. (E)	38. (B)	39. (A)	40. (D)
41. (D)	42. (C)	43. (C)	44. (E)	45. (C)	46. (B)	47. (B)	48. (D)
49. (A)	50. (C)	51. (C)	52. (D)	53. (C)	54. (A)	55. (C)	56. (A)
57. (C)	58. (B)	59. (A)	60. (C)	61. (E)	62. (B)	63. (E)	64. (A)
65. (C)	66. (A)	67. (B)	68. (D)	69. (A)	70. (A)	71. (C)	72. (E)
73. (A)	74. (B)	75. (B)	76. (E)	77. (B)	78. (C)	79. (B)	80. (E)
81. (E)	82. (B)	83. (D)	84. (D)	85. (C)	86. (A)	87. (A)	88. (E)
89. (E)	90. (D)	91. (D)	92. (E)	93. (C)	94. (B)	95. (C)	96. (E)
97. (A)	98. (D)	99. (B)	100. (C)				

- Answer: (C)**
Baba Balanath warned Madho Rao 'You can go ahead with the construction. But the moment the shadow of your palace will touch me, you are undone. The city shall be no more.' Hence, (C) is the correct option.
- Answer: (D)**
'After many years, the grandson of Madho Singh, Ajab Singh, in ignorance raised the height of the palace and the shadow entered the forbidden place. As per the curse, the complete town got devastated.'
- Answer: (A)**
This is given in myth 1 of the passage.
- Answer: (C)**
It is given that 'However, the princess was well aware of his plan and so she foiled his plan.'
- Answer: (D)**
Both hypnotize and charm mean being cast a spell on/hold someone's attention completely.
- Answer: (A)**
Both foiled and spoilt mean to ruin something.
- Answer: (D)**
Forbidden means something out of bounds, so 'permitted' is the correct antonym for it.
- Answer: (D)**
To not see the morning sun is to be wiped out completely. Hence, (D) is the correct option.
- Answer: (A)**
Both transformed and changed mean to undergo a process with a resultant difference, so (A) is the correct option.
- Answer: (A)**
Myth and legend both refer to a story which is believed by people.
- Answer: (C)**
'Under an enchantment' means under the control of magic.
- Answer: (C)**
As the king is asking about a solution, 'what' is the correct word to request specific information.

- Answer: (B)**
Here, the sentence is of simple present (as indicated by 'which she is very fond of'). So, **has** is the correct word for singular noun 'princess'.
- Answer: (C)**
'Clever enough' is the correct phrase.
- Answer: (C)**
As the sentence is in passive form, **accepted** and **liked** do not make sense here. **Destined** is the correct word here. **Foretell** is incorrect as we need past participle of the verb (foretold) here.

Solution for Questions 16 – 20:

- Sentence 3 introduces 'a boy who was very rich and clever'.
- 'Had practically everything' in 2 follows 'rich and clever'.
- 'Strange' in 1 refers to the 'curious of objects' in sentence 2.
- 1 introduces 'a very strange old mirror' and 'the mirror' in 4 follows it.
- 5 tells what happens when the boy looks into the mirror.
- 'Continued with its sad expression' in 6 follows it.
Thus, the correct sequence is 321456.
- Answer: (C)**
- Answer: (D)**
- Answer: (B)**
- Answer: (A)**
- Answer: (E)**
- Answer: (E)**
(E) – No error. The sentence is grammatically correct.
- Answer: (A)**
(A) Add 'as' after 'far'; the correct phrase is 'as far as'.
- Answer: (A)**

Change 'is' to 'are' to correct the error of subject-verb agreement because the relative pronoun 'who' refers to 'those persons' (subject).

24. **Answer:** (E)

There is no error in the sentence.

25. **Answer:** (B)

It should be – 'a mysterious man named Jay Gatsby'.

26. **Answer:** (B)

'Will begin' should be used in place of 'begin'.

27. **Answer:** (A)

It should be 'even though' which means despite the fact of.

28. **Answer:** (D)

It should be 'years' as it is preceded by 'six'.

29. **Answer:** (D)

'Feel' should be used in place of 'feeling', as the sentence is in simple present tense.

30. **Answer:** (E)

There is no error in the sentence.

31. **Answer:** (A)

$$\begin{aligned} &41.69^2 - 6.69^2 - 5.09^2 \\ &= (42 - 0.31)^2 - (7 - 0.31)^2 - (5 + 0.09)^2 \\ &= (1764 + 0.0961 - 26.04) - (49 + 0.0961 - 4.34) \\ &\quad - (25 + 0.0081 + 0.9) \\ &= 1738.0561 - 44.7561 - 25.9081 \\ &= 1667.3919 = 1668 \text{ (approx.)} \end{aligned}$$

32. **Answer:** (E)

$$\frac{32}{5} \times 248.65 = 2398.59 \times x$$

$$\frac{32}{5} \times 250 = 2400 \times x$$

$$2 = \frac{160}{240} = \frac{2}{3}$$

33. **Answer:** (C)

$$\left(\frac{15}{9}\right)^2 \times \frac{898}{39} \div \frac{41}{899} = ?$$

Apply approximation:

$$\frac{15}{9} \times \frac{15}{9} \times \frac{900}{40} \times \frac{900}{40} = ?$$

$$\frac{15}{1} \times \frac{15}{1} \times \frac{10}{4} \times \frac{10}{4} = ?$$

$$\frac{15}{1} \times \frac{15}{1} \times \frac{5}{2} \times \frac{5}{2} = ?$$

$$\frac{75 \times 75}{4} = ?$$

$$\frac{5625}{4} = ?$$

$$? = 1406.25 \approx 1400$$

34. **Answer:** (D)

$$45.83 \times \frac{35.90}{68.72} = ?$$

$$? = \frac{(45.83 \times 35.90)}{68.72}$$

$$? = \frac{1645.297}{68.72}$$

$$? = 23.94$$

$$? = 24$$

35. **Answer:** (A)

$$1300 \div 20 \times 25 + 400$$

$$65 \times 25 + 400$$

$$1625 + 400 = 2025$$

36. **Answer:** (B)

$$\sqrt{3100} \times \sqrt{567} \div \sqrt{250} = ? \div 8$$

$$? = \frac{\sqrt{3100} \times \sqrt{597} \times 8}{\sqrt{250}}$$

$$\frac{\sqrt{3100} \times \sqrt{597}}{\sqrt{250}} \times 8 = ?$$

$$\frac{55.68 \times 23.8 \times 8}{15.8} = 670$$

37. **Answer:** (A)

$$(5\sqrt{7} + \sqrt{7}) \times (4\sqrt{7} + 8\sqrt{7}) - 19 \times 19$$

$$= 6\sqrt{7} \times 12\sqrt{7} - 361$$

$$= 504 - 361 = 143$$

38. **Answer:** (E)

The general expression of the number is (125n + 100), where n = 0, 1, 2, 3, ... Now, this number is divided by

100. Since 125 is not exactly divisible by 100, we cannot say anything about the value of the remainder, which would be solely determined by the value of 'n'.

39. **Answer:** (E)

Let O be Ozil's weight.

And S be his sister's weight.

According to question,

$$O - 6.4 = 2S$$

$$O = 2S + 6.4 \quad \dots\dots\dots \text{I}$$

$$O + S = 111.4 \quad \dots\dots\dots \text{II}$$

Put value of O in II from I:

$$2S + 6.4 + S = 111.4$$

$$3S = 111.4 - 6.4$$

$$3S = 105$$

$$S = (105 \div 3) \text{ kg}$$

$$S = 35 \text{ kg}$$

Put value of S in II:

$$O + 35 = 111.4$$

$$O = 111.4 - 35$$

$$O = 76.4$$

40. **Answer:** (B)

Let the larger number be x.

$$\Rightarrow \frac{x + y}{2} = x - y$$

$$x + y = 2x - 2y$$

$$x = 3y$$

$$\frac{x}{y} = \frac{3}{1}$$

41. **Answer:** (A)

Let the original fraction be $\frac{n}{p}$.

Then, according to question, $\frac{(0.7 \times n)}{(0.6 \times p)} = \frac{7}{9}$

$$\frac{n}{p} = \frac{6}{9} = \frac{2}{3}$$

42. **Answer:** (D)

L.C.M. of 4, 5 and 7 is 140.

(A) $685 \div 140 = 4 \text{ R } 125$

(B) $690 \div 140 = 4 \text{ R } 130$

(C) $695 \div 140 = 4 \text{ R } 135$

(D) $700 \div 140 = 5$

(E) $705 \div 140 = 5 \text{ R } 5$

43. **Answer:** (C)

12 35 36 105 108

The pattern observed is as follows:

$$12 \times 3 = 36$$

$$36 \times 3 = 108$$

$$35 \times 3 = 105$$

$$105 \times 3 = 315$$

44. **Answer:** (E)

$$14 \times 1 + (9 \times 1) = 23$$

$$23 \times 3 + (9 \times 3) = 96$$

$$96 \times 5 + (9 \times 5) = 525$$

$$16 \times 2 + (1 \times 2) = 34$$

$$34 \times 4 + (1 \times 4) = 140$$

$$140 \times 6 + (1 \times 6) = 846$$

Pattern is observed alternately.

45. **Answer:** (C)

$$3 + (1^3 + 1) = 3 + 2 = 5$$

$$5 + (2^3 + 2) = 5 + 10 = 15$$

$$15 + (3^3 + 3) = 15 + 30 = 45$$

$$45 + (4^3 + 4) = 45 + 68 = 113$$

46. **Answer:** (B)

Let age of father = F

And age of son = S

A.T.Q.

$$\frac{F}{S} = \frac{9}{4} \text{ and } \frac{F+5}{S+5} = \frac{2}{1}$$

By solving, we get $F = 45$.

Hence, the father's age is 45 years.

47. **Answer:** (B)

$$CP = 200 + 200 = 400$$

$$SP = 9 \times 48 = 432$$

$$P\% = \frac{32}{400} \times 100 = 8\%$$

48. **Answer:** (D)

$$\text{Total actual CP} = \text{Rs. } (1000 \times 5 + 1000) = \text{Rs. } 6000$$

$$\text{Total SP} = \text{Rs. } (3 \times 1100 + 2 \times 850) = \text{Rs. } 5000$$

$$\text{Loss} = \text{Rs. } 6000 - \text{Rs. } 5000 = \text{Rs. } 1000$$

$$\text{Loss percent} = \left(\frac{1000}{6000} \right) \times 100 = 16.6\%$$

49. **Answer:** (A)

Let the CP of the pipes be Rs. x.

SP of the pipes = Rs. 12 each

Case I:

$$\text{Profit} = \frac{12 - x}{x} \times 100 = 20$$

$$(12 - x) 5 = x$$

$$60 - 5x = x$$

$$6x = 60$$

$$x = 10$$

Case II:

$$\text{Loss} = \frac{x - 12}{x} \times 100 = 20$$

$$(x - 12) 5 = x$$

$$5x - 60 = x$$

$$4x = 60$$

$$x = 15$$

Thus, total CP = $10 + 15 = 25$

And total SP = $12 + 12 = 24$

Loss = $25 - 24 = \text{Rs. } 1$

50. **Answer:** (C)

Let the principal = Rs. x

$$\text{Then, the amount} = \frac{160x}{100}$$

$$\text{Therefore, interest} = \frac{160x}{100} - x = \frac{60x}{100}$$

So, the rate of interest

$$= \frac{(SI \times 100)}{(P \times T)} = \left(\frac{60x}{100} \right) \times \frac{100}{(x \times 6)} = 10\%$$

Now, we will find the amount of compound

$$\text{interest, which is } A = P \left(1 + \frac{R}{100} \right)^n$$

$$A = \text{Rs. } 12,000 \left(1 + \frac{10}{100} \right)^3$$

$$A = \text{Rs. } 15,972$$

$$CI = A - P = \text{Rs. } (15,972 - 12,000) = \text{Rs. } 3972$$

51. **Answer:** (C)

New sides = $1.2x$ and $1.4x$

$$\text{Area of rectangle} = 1.2x \times 1.4x = 1.68 x^2$$

$$\text{Area of square} = x^2$$

$$\text{Percentage increase (\%)} = \frac{0.68x^2}{x^2} \times 100 = 68\%$$

52. **Answer:** (D)

$$\text{Area of four walls} = 2h(l + b)$$

According to question

$$2h(l + b) = 1200$$

$$40h = 600$$

$$h = 15 \text{ m}$$

53. **Answer:** (C)

Sum of the present ages of the family members

$$= (30 \times 3 + 3 \times 3) = 99$$

Sum of the present ages of wife and child

$$= (23 \times 2 + 5 \times 2) = 56$$

$$\text{Husband's present age} = 99 - 56 = 43 \text{ years}$$

54. **Answer:** (A)

The total tax evasion by the 10 MPs is 75 lakh.

When the 3 MPs pay, the average tax evasion of the rest, i.e. 7 people, is 1 crore or 100 lakh. Thus, their total tax evasion is 700 lakh, i.e. the tax evasion of the 3 conscientious MPs will be 50 lakh.

55. **Answer:** (C)

Total quantity of petrol used

$$= \left(\left(\frac{8000}{15} \right) + \left(\frac{8000}{16} \right) + \left(\frac{8000}{17} \right) \right) = \frac{76700}{51} \text{ litres}$$

Total amount spent = Rs. 8000×3 = Rs. 24000

$$\text{Average cost} = \frac{24000}{\left(\frac{76700}{51} \right)}$$

= Rs. 15.96

56. **Answer:** (A)

Machine B takes 40 minutes to produce 100 parts.

Machine A is twice as fast as B.

So, machine A takes 20 minutes to produce 100 parts.

Production of machine A in 1 minute = $\frac{100}{20}$ parts

Production of machine A in 6 minutes = $\frac{100}{20} \times 6 = 30$ parts

57. **Answer:** (C)

Let Bob and Smith take x and y days, respectively, to finish the job.

$\therefore \frac{1}{x} + \frac{1}{y} = \frac{1}{8}$ { $\because$ Both can together finish the work in 8 days. }

In 3 days, $\frac{3}{8}$ of the work is done. Smith completes

the remaining $\frac{5}{8}$ of the given work in 15 days.

Hence, Smith can complete the given work alone in:

$$\left(\frac{8}{5} \right) \times 15 = 24 \text{ days}$$

$$\Rightarrow y = 24$$

$$\text{and } x = 12$$

$\therefore$ Bob alone takes 12 days to finish the job.

58. **Answer:** (B)

In 100 km, the number of stoppages after 15 km is 6. (as $15 \times 6 = 90$)

Now, the time taken for a 100 km journey =

$$\frac{\text{Distance}}{\text{Speed}} = 10 \text{ hours}$$

Total time for stoppages = 6×10 minutes = 60 minutes or 1 hour

He takes $10 + 1 = 11$ hours to complete the journey.

59. **Answer:** (A)

$$\text{Speed of the train} = 48 \text{ kmph} = \left(48 \times \frac{5}{18} \right) \text{ m/s} =$$

$$\frac{48 \times 5 \times 60}{18} \text{ m/minute} = 800 \text{ m/minute}$$

Number of posts = $800/50 = 16$ posts

60. **Answer:** (C)

Let the length of train = x

Length of platform = 2x

Relative distance = $2x + x = 3x$

Speed = 60 kmph

Time = 32.4 seconds = 0.009 hr

$D = S \times T$

$$3x = 60 \times 0.009 \text{ hr}$$

$$3x = 0.54 \text{ km}$$

$$x = 0.18 \text{ km}$$

$$\text{Length of platform} = 0.18 \times 2 = 0.36 \text{ km} = 360 \text{ m}$$

61. **Answer:** (E)

Total production in January = 125 metric ton

Total production in February = 115 metric ton

Total production in March = 115 metric ton

Total production in April = 115 metric ton

Total production in May = 100 metric ton, which shows the largest decrease.

62. **Answer:** (B)

Value of general use cement = (105×78)

= Rs. 8,190

Value of blended cement = (135×84)

= Rs. 11,340

Value of Portland cement = (115×95)

= Rs. 10,925

Total = Rs. 30,455

63. **Answer:** (E)

Total cement manufactured = 570 tons. Total

Portland cement manufactured = 210 tons

$$\text{Percentage cement} = \frac{210 \times 100}{570}$$

$$= 36.84\% \text{ or } 36.8\%$$

64. **Answer:** (A)

$$\text{Average production} = \frac{30 + 50 + 55 + 30 + 20}{5}$$

$$= \frac{185}{5} = 37$$

65. **Answer:** (C)

Total production of general use cement in the first 3 months = 105 tons. Total production of Portland cement in the first 3 months = 115 tons

$$\text{Ratio} = \frac{105}{115} = \frac{21}{23} = 21 : 23$$

66. **Answer:** (A)

In the code, the first letter is replaced by the last, second with the second last and so on. So, BANANA will be written as ANANAB.

67. **Answer:** (B)

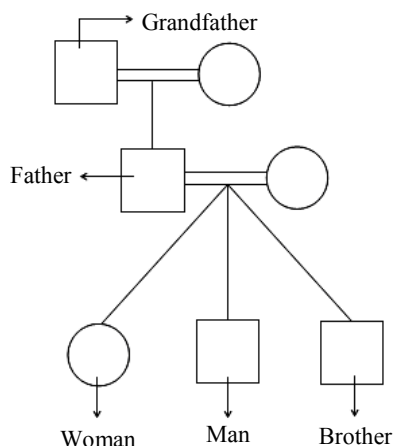
The pattern is

$$R + 1 = S$$

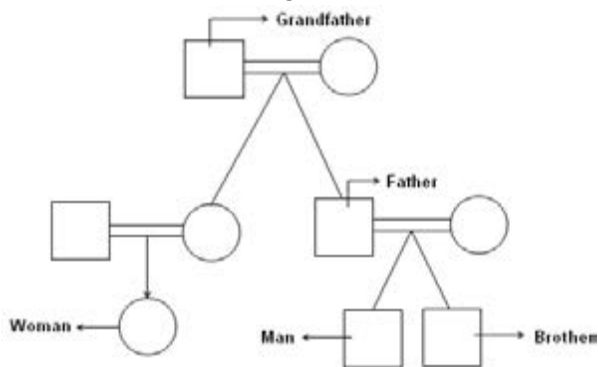
$$I + 2 = K$$

$$\begin{aligned} C + 3 &= F \\ H + 4 &= L \\ \text{Similarly} \\ P + 1 &= Q \\ O + 2 &= Q \\ O + 3 &= R \\ R + 4 &= V \end{aligned}$$

68. **Answer:** (D)



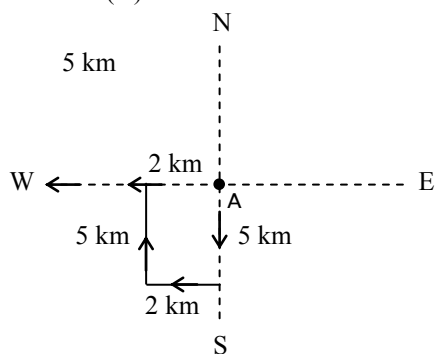
OR



69. **Answer:** (A)

Pandey's grandfather's only son will be his own father and his father's daughter will be his sister.

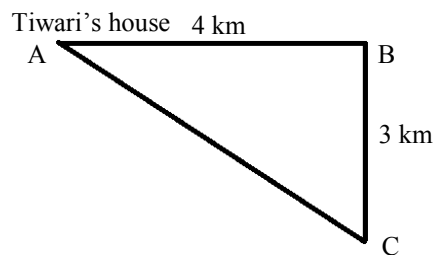
70. **Answer:** (A)



$$5 + 2 = 7 \text{ km}$$

71. **Answer:** (C)

The shortest distance will be AC.
Now using Pythagoras theorem
 $AC^2 = AB^2 + BC^2$
Solving, we get $AC = 5 \text{ km}$.



Solution for Questions 72 – 76:

72. **Answer:** (E)

Qurashi > Uma > (Risha/Sonika) > Waseem > (Sonika/Risha) > Tanvi > Varun > Poonam

1. Waseem, Varun and Poonam

Hockey	Chess	Golf
Qurashi	Waseem	Poonam
	Sonika	
	Varun	

73. **Answer:** (A)

74. **Answer:** (B)

75. **Answer:** (B)

Following is the given order from tallest to shortest:

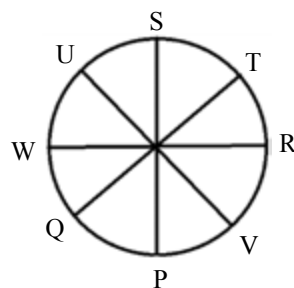
Qurashi > Uma > ___ > Waseem > ___ > ___ > Varun > Poonam

Hence, Poonam is the shortest.

76. **Answer:** (E)

Qurashi > Uma > (Risha/Sonika) > Waseem > (Sonika/Risha) > Tanvi > Varun > Poonam

Solution for Questions 77 – 81:



77. **Answer:** (B)

From the diagram drawn below, W sits in the middle of Q and U.

78. **Answer:** (C)

From the diagram, T is third to the right of P.

79. **Answer:** (B)

From the diagram below, there are 5 people sitting between W and P, starting from W in the clockwise direction.

80. **Answer:** (E)

From the diagram given below, T is sitting to the immediate left of S.

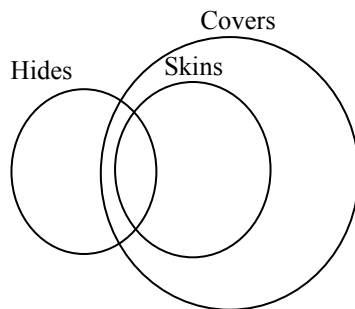
81. **Answer: (E)**
Except PS, every pair is that of immediate neighbours.

Solution for Questions 82 – 86:

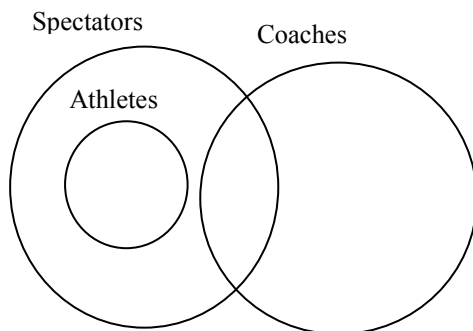
The correct arrangement is given below:

Day	Channel	Programme
Monday	E	P
Tuesday	B	R
Wednesday	G	V
Thursday	C	Q
Friday	D	S
Saturday	F	U
Sunday	A	T

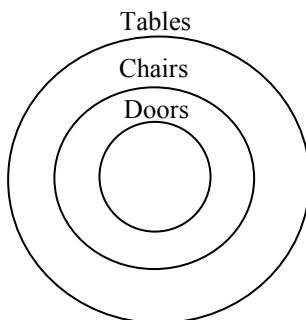
82. **Answer: (B)**
83. **Answer: (D)**
84. **Answer: (D)**
85. **Answer: (C)**
86. **Answer: (A)**
87. **Answer: (A)**



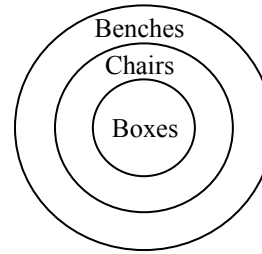
88. **Answer: (E)**



89. **Answer: (E)**



90. **Answer: (D)**



91. **Answer: (D)**
In the given statements, both 'la' and 'so' are common. Therefore, it is not possible to find the code for 'so'.

92. **Answer: (E)**

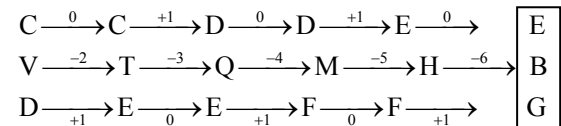
one of its kind – zo pi ko, fe
in kind and cash – ga tar u ko
its point for origin – ba le fe ml
make a point clear – you si mi de
make money and cash – o mi ru hi
money of various kind – qu ko zo

kind – ko ; of → zo
its – fe ; then one → pi
So statements – I, II, III are required

93. **Answer: (C)**
There are three vowels which are followed by symbols, i.e. O*, E & and A #.

94. **Answer: (B)**
% 7 8 J ^ 6 U R F 8 5 #; observing this part of series, % is followed by 7 and 8. # is preceded by 5 and 8.

95. **Answer: (C)**



96. **Answer: (E)**

Statements:

G @ H – G < H

H • Q – H = Q

Q \$ M – Q ≤ M

G < H = Q ≤ M

Conclusions:

M % G – M > G

H \$ M – H ≤ M (True)

Both are true.

97. **Answer: (A)**

Statements:

F • B – F = B

B @ E – B < E

E # J – E ≥ J

⇒ F = B < E ≥ J

Conclusions:

F @ E – F < E (True)

J \$ B – J ≤ B (False)

Only I is true

98. **Answer:** (D)

Solution:

Statements:

$R \$ H \rightarrow R \leq H$

$H \% M \rightarrow H > M$

$M \# F \rightarrow M \geq F$

We get, $R \leq H > M \geq F$

Conclusions:

I. $F \$ H \rightarrow F \leq H$ False

II. $F @ R \rightarrow F < R$ False

99. **Answer:** (B)

Statements:

$T \# L - T \geq L$

$L \% W - L > W$

$W @ V - W < V$

$\Rightarrow T \geq L > W < V$

Conclusions:

$L \% V - L > V$ (not true)

$T \% W - T > W$ (true)

Conclusion II is true.

100. **Answer:** (C)

Statements:

$K \% L \Rightarrow K > L$

$L \# T \Rightarrow L \geq T$

$I \$ T \Rightarrow I \leq T$

$\Rightarrow K > L \geq T \geq I$

Conclusions:

$L \% I \Rightarrow L > I$ (True)

$L . I \Rightarrow L = I$ (True)

Either I is true or II is true.

IBPS Clerical (Prelims) Mock Test – 4

1. (E)	2. (B)	3. (A)	4. (B)	5. (C)	6. (D)	7. (D)	8. (C)
9. (A)	10. (E)	11. (D)	12. (C)	13. (E)	14. (B)	15. (D)	16. (C)
17. (B)	18. (E)	19. (A)	20. (D)	21. (B)	22. (A)	23. (C)	24. (D)
25. (B)	26. (A)	27. (B)	28. (D)	29. (C)	30. (E)	31. (A)	32. (D)
33. (D)	34. (A)	35. (A)	36. (B)	37. (D)	38. (A)	39. (B)	40. (D)
41. (A)	42. (A)	43. (C)	44. (D)	45. (C)	46. (A)	47. (B)	48. (C)
49. (A)	50. (C)	51. (C)	52. (A)	53. (B)	54. (C)	55. (E)	56. (B)
57. (B)	58. (A)	59. (D)	60. (A)	61. (D)	62. (D)	63. (C)	64. (E)
65. (C)	66. (C)	67. (A)	68. (A)	69. (A)	70. (B)	71. (C)	72. (B)
73. (C)	74. (A)	75. (D)	76. (D)	77. (A)	78. (C)	79. (E)	80. (C)
81. (B)	82. (D)	83. (A)	84. (B)	85. (B)	86. (D)	87. (D)	88. (D)
89. (E)	90. (A)	91. (B)	92. (C)	93. (C)	94. (D)	95. (C)	96. (C)
97. (E)	98. (D)	99. (E)	100. (C)				

1. **Answer: (E)**
It is mentioned that the Gods loved to quarrel, play with human fates and thus, are never contented.
2. **Answer: (B)**
3. **Answer: (A)**
'To get their own back' means to take revenge for something.
4. **Answer: (B)**
Epimetheus, fell in love with the beautiful Pandora and decided to marry her.
5. **Answer: (C)**
But to her surprise, there were no glittering jewels, glamorous dresses, golden coins – instead the Gods had filled the box with all evils now known to mankind.
6. **Answer: (D)**
Love is not mentioned as being in the box.
7. **Answer: (D)**
Both attacked and swooped mean being captured by force.
8. **Answer: (C)**
Gingerly means to approach something in a careful manner. Hence, carelessly is the correct antonym.
9. **Answer: (A)**
Both flinging and throwing suggest a quick, jerky movement.
10. **Answer: (E)**
To plot means to hatch a plan, and none of the options here means that.
11. **Answer: (D)**
It is mentioned in the end of the line 'play ball all day long in the streets with little idle boys like himself.' Also, other options do not go with **careless**.
12. **Answer: (C)**
We need a negative word here to show that Aladdin didn't do anything.
13. **Answer: (E)**
'Mend one's ways' refers to improving one's behaviour.

14. **Answer: (B)**
'As usual' means 'as always' here.
15. **Answer: (D)**
'A long while ago' is the correct phrase here.

Solution for Questions 16 – 20:

1. 6 introduces 'a merchant'.
 2. 'He' in 5 refers to 'the merchant' and 5 also introduces 'a fortune-teller'.
 3. 1 tells about the action of the fortune-teller.
 4. In 2, 'it' refers to 'a strange-looking device'.
 5. 4 describes 'two crystal glasses' introduced in 2.
 6. 'The red one' in 3 follows it.
- Thus, the correct sequence is 651243.
16. **Answer: (B)**
 17. **Answer: (B)**
 18. **Answer: (D)**
 19. **Answer: (C)**
 20. **Answer: (C)**
 21. **Answer: (B)**
The best known - correct word order.
 22. **Answer: (A)**
Wrong word usage; it should be 'as bad as or worse'. With 'worse' a similar word should be used. 'Bed' is out of context.
 23. **Answer: (C)**
'was' in place of 'were' as the subject is singular - 'the captain'. The phrase introduced by *as well as* or *along with* will modify the earlier word.
 24. **Answer: (D)**
Change 'him' to 'he'. 'As much as' is a compound conjunction, not preposition. So, a pronoun is used after a conjunction in nominative case, not in objective case.
 25. **Answer: (B)**
(B) important. An adjective is needed to describe the noun 'figure'. 'Importantly' is an adverb and it cannot modify a noun. So, the adjective form 'important' is to be used.
 26. **Answer: (A)**

Arrived here means that Mona's flight was on time and **delayed** suggests the contrast where Kimi's flight was late.

27. **Answer:** (B)

Famous here describes the kind of actress that Sharmila Tagore was at a time in the past and **resigned** is the verb that fits most appropriately to describe her recent association with the Censor Board.

28. **Answer:** (D)

Taught is used here as it explains that Gagan was teaching the brother earlier and **preparing** is the appropriate choice that covers all the elements of studying for the exam.

29. **Answer:** (C)

Judged here means that Lena was chosen as the best actress and **appreciated** is the most appropriate choice here as it means that her performance was liked by a lot of people.

30. **Answer:** (E)

Won is the correct option here as it means that Maryam had single-handedly led her team to victory and **consecutive** is used here as it means that she has achieved it five times in five matches.

31. **Answer:** (A)

40% of 265 + 35% of 180 = 50% of ?

$$\frac{40}{100} \times 265 + \frac{35}{100} \times 180 = \frac{50}{100} \times ?$$

$$106 + 63 = \frac{50}{100} \times ?$$

$$169 = \frac{50}{100} \times ?$$

$$? = 169 \times \frac{100}{50}$$

$$? = 169 \times 2$$

$$? = 338$$

32. **Answer:** (D)

$$(560 + 321) \times \frac{(720 - 688)}{16}$$

$$= 881 \times 32/16$$

$$= 881 \times 2$$

$$= 1762$$

33. **Answer:** (D)

$$\sqrt{\frac{?}{1000}} = 0.16$$

Squaring both sides, we get

$$\frac{?}{1000} = 0.16 \times 0.16$$

$$? = 0.16 \times 0.16 \times 1000$$

$$? = 25.6$$

34. **Answer:** (A)

?% of 104 = 65% of 240

$$\frac{?}{100} \times 104 = \frac{65}{100} \times 240$$

$$? \times \frac{65}{100} \times \frac{240}{104} \times 100$$

$$? = 65 \times \frac{240}{104}$$

$$? = 150$$

35. **Answer:** (A)

$$0.10 \times 0.30 \times 5233 = 157$$

36. **Answer:** (B)

$$\begin{aligned} \text{I. } & 5x^2 - 16x + 11 = 0 \\ & 5x^2 - 54x - 11x + 11 = 0 \\ & 5x(x - 1) - 11(x - 1) = 0 \\ & (5x - 11)(x - 1) = 0 \end{aligned}$$

$$x = 1, \frac{11}{5}$$

$$\begin{aligned} \text{II. } & 5y^2 - 3y - 2 = 0 \\ & 5y^2 - 5y + 2y - 2 = 0 \\ & 5y(y - 1) + 2(y - 1) = 0 \\ & (y - 1)(5y + 2) = 0 \end{aligned}$$

$$y = 1, -\frac{2}{5}$$

Conclusions:

$$x = y = 1;$$

$$-\frac{2}{5} < 1, \frac{11}{5} \Rightarrow y < x$$

$$\Rightarrow x \geq y$$

Hence, this is the correct answer.

37. **Answer:** (D)

$$\begin{aligned} \text{I. } & x^2 + 11x + 28 = 0 \\ & x^2 + 4x + 7x + 28 = 0 \\ & x(x + 4) + 7(x + 4) = 0 \\ & (x + 4)(x + 7) = 0 \\ & x = -4, -7 \end{aligned}$$

$$\begin{aligned} \text{II. } & 2y^2 + 13y + 20 = 0 \\ & 2y^2 + 8y + 5y + 20 = 0 \\ & 2y(y + 4) + 5(y + 4) = 0 \end{aligned}$$

$$y = -4, -\frac{5}{2}$$

$$(y + 4)(2y + 5) = 0$$

Conclusions:

$$x = y = -4;$$

$$-7 < -4, -\frac{5}{2} \Rightarrow x < y$$

$$\Rightarrow x \leq y$$

Hence, this is the correct answer.

38. **Answer:** (A)

$$\begin{aligned} \text{I. } & 6x^2 + 29x + 35 = 0 \\ & 6x^2 + 15x + 14x + 35 = 0 \\ & 3x(2x + 5) + 7(2x + 5) = 0 \\ & (2x + 5)(3x + 7) = 0 \end{aligned}$$

$$x = -\frac{5}{2}, -\frac{7}{3}$$

$$\begin{aligned} \text{II. } & 3y^2 + 19y + 30 = 0 \\ & 3y^2 + 9y + 10y + 30 = 0 \\ & 3y(y + 3) + 10(y + 3) = 0 \\ & (3y + 10)(y + 3) = 0 \end{aligned}$$

$$y = -\frac{10}{3}, -3$$

Conclusions:

$$-3 < -\frac{5}{2}, -\frac{7}{3} \Rightarrow x > y$$

$$-\frac{10}{3} < -\frac{5}{2}, -\frac{7}{3} \Rightarrow x > y$$

$$\Rightarrow x > y$$

Hence, this is the correct answer.

39. **Answer: (B)**

$$\begin{aligned} \text{I. } 6x^2 - 19x + 15 &= 0 \\ 6x^2 - 9x - 10x + 15 &= 0 \\ 3x(2x - 3) - 5(2x - 3) &= 0 \\ (2x - 3)(3x - 5) &= 0 \end{aligned}$$

$$x = \frac{5}{3}, \frac{3}{2}$$

$$\begin{aligned} \text{II. } 10y^2 - 29y + 21 &= 0 \\ 10y^2 - 15y - 14y + 21 &= 0 \\ 5y(2y - 3) - 7(2y - 3) &= 0 \\ (2y - 3)(5y - 7) &= 0 \end{aligned}$$

$$y = \frac{3}{2}, \frac{7}{5}$$

Conclusions:

$$x = y = \frac{3}{2};$$

$$\frac{7}{5} < \frac{3}{2}, \frac{5}{3} \Rightarrow x > y;$$

$$\Rightarrow x \geq y$$

Hence, this is the correct answer.

40. **Answer: (D)**

$$\begin{aligned} \text{I. } 12x^2 + 11x - 56 &= 0 \\ 12x^2 + 32x - 21x - 56 &= 0 \\ 4x(3x + 8) - 7(3x + 8) &= 0 \\ (3x + 8)(4x - 7) &= 0 \end{aligned}$$

$$x = -\frac{8}{3}, \frac{7}{4}$$

$$\begin{aligned} \text{II. } 4y^2 - 15y + 14 &= 0 \\ 4y^2 - 8y - 7y + 14 &= 0 \\ 4y(y - 2) - 7(y - 2) &= 0 \\ (y - 2)(4y - 7) &= 0 \end{aligned}$$

$$y = 2, \frac{7}{4}$$

Conclusions:

$$x = y = \frac{7}{4};$$

$$-\frac{8}{3} < 2, \frac{7}{4} \Rightarrow x < y;$$

$$\Rightarrow x \leq y$$

Hence, this is the correct answer.

Hence, this is the required result.

41. **Answer: (A)**

Find the H.C.F. of $(121 - 58)$, $(184 - 121)$, $(184 - 58)$, i.e. 63, 63, 126.

The H.C.F. is 63.

42. **Answer: (A)**

1st series: 2673, 891, 297, 99, 33 (Dividing each number by 3)

$$2673 \div 3 = 891$$

$$891 \div 3 = 297$$

$$297 \div 3 = 99$$

$$99 \div 3 = 33$$

2nd series: 2, 22, 242, 2662 (Multiplying each number by 11 to get the next term in the series)

$$2 \times 11 = 22$$

$$22 \times 11 = 242$$

$$242 \times 11 = 2662$$

43. **Answer: (C)**

This is an alternating repetition series, with a random number, 22, interpolated as every third number into an otherwise simple addition series. In the addition series, 4 is added to each number to arrive at the next number.

44. **Answer: (D)**

$$3676.53125 \div 3.5 = 1050.4325$$

$$1050.4325 \div 3.5 = 300.125$$

$$300.125 \div 3.5 = 85.75$$

$$85.75 \div 3.5 = 24.5$$

$$24.5 \div 3.5 = 7$$

45. **Answer: (C)**

This number series is moving as +11, +13, +15, +17 and so on.

It should be $33 + 15 = 48$.

46. **Answer: (A)**

There are two series (27, 23, 19) and (26, 21, ?). First is moving on (-4) and second is moving on (-5) .

So, the next term is $21 - 5 = 16$.

47. **Answer: (B)**

Solution: Let the investment of X be Rs. x.

Investment of Y = Rs. 3x

And investment of Z = Rs. 2x

Ratio of their investments

$$= x : 12 : 3x : 7 : 2x : 6$$

$$= 12x : 21x : 12x$$

$$= 4 : 7 : 4$$

And it is supposed that total profit = Rs. p

$$\text{Then, share of Z} = p \times \frac{4}{15} = 60,000 \times \frac{4}{15}$$

$$= 16,000$$

48. **Answer: (C)**

Assume Aman got x rupees.

He gave $\frac{x}{2} - 2000$ to his son.

And $\frac{2}{3} \left(\frac{x}{2} + 2000 \right) + 1000$ to his daughter.

According to the question,

$$\frac{x}{2} - 2000 = \frac{x}{3} + 7000/3$$

$$x = 26000$$

49. **Answer:** (A)

Let the total CP be Rs. 100. Total SP =

$$\left(50 + 50 \times \frac{30}{100}\right) + \left(25 - 25 \times \frac{10}{100}\right) +$$

$$\left(25 + 25 \times \frac{20}{100}\right)$$

$$= \text{Rs. } (65 + 22.5 + 30) = \text{Rs. } 117.5$$

$$\text{Gain} = 17.5\%$$

50. **Answer:** (C)

Let the investments of A and C be $2x$ and x , respectively; and the investments of A and B be $3y$ and $2y$, respectively.

$$\Rightarrow 2x = 3y$$

$$\frac{x}{y} = \frac{3}{2}$$

$$\text{Profit} = \text{Rs. } 1,57,300$$

$$B \text{ receives} = \frac{2y}{3x + 2y} \times 1,57,300$$

$$= \frac{2}{\frac{3x}{y} + 2} \times 1,57,300$$

$$\frac{2}{\frac{9}{2} + 2} \times 1,57,300 = \text{Rs. } 48,400$$

51. **Answer:** (C)

Let the amount of profit/loss be x .

A.T.Q.

$$5825 - x = 2345 + x$$

$$2x = 5825 - 2345$$

$$2x = 3480$$

$$x = \frac{3480}{2}$$

$$x = \text{Rs. } 1740$$

52. **Answer:** (A)

Let $P = \text{Rs. } x$, $T = 2$ years, $R = 10\%$ p.a, and C.I. = Rs. 420.

$$\text{Then, } A = P \left(1 + \frac{R}{100}\right)^n$$

$$A = x \left(1 + \frac{10}{100}\right)^2$$

$$A = x \left(\frac{11}{10}\right)^2$$

$$A = \frac{121x}{100}$$

$$\text{Because C.I.} = A - P$$

$$420 = \frac{121x}{100} - x$$

$$x = 2000$$

$$\text{Now, S.I.} = \frac{P \times R \times T}{100} = \left(2000 \times 10 \times \frac{2}{100}\right)$$

$$= \text{Rs. } 400$$

Therefore, the required interest is Rs. 400.

53. **Answer:** (B)

Area of the floor = length $\times$ breadth

$$\text{Length} \times \text{breadth} = \left(\frac{91.80}{0.85}\right) \text{m} = 108 \text{ m}$$

$$\text{Breadth} = \left(\frac{108}{12}\right) \text{m} = 9 \text{ m}$$

Area of four walls = 2 (length + breadth) $\times$ height

$$= \left(\frac{340.20}{1.35}\right) \text{m}^2$$

$$2(12 + 9) \text{ m} \times \text{height} = 252 \text{ m}^2$$

$$42 \text{ m} \times \text{height} = 252 \text{ m}^2$$

$$\text{Height} = 6 \text{ m}$$

54. **Answer:** (C)

Passing marks = 40% of 140

$$\frac{40}{100} \times 140 = 56 \text{ marks}$$

$$\text{Marks needed to pass} = 56 - 50 = 6 \text{ marks}$$

55. **Answer:** (E)

Marked price = Rs. 500

Price after 50% discount = $500 \div 2 = \text{Rs. } 250$

Final price after further 20% discount = Rs. $250 - (0.20 \times 250)$
= Rs. 200

56. **Answer:** (B)

Let the average mess expenditure per student be x .

Then, total expenditure = $36x$

After 19 students leave, new expenditure

$$= 36x - 48$$

According to the question,

$$36x - 48 = 17(x + 5)$$

$$36x - 48 = 17x + 85$$

$$19x = 133 \Rightarrow x = 7$$

$$\text{New expenditure} = 36 \times 7 - 48 = 252 - 48 = 204$$

57. **Answer:** (B)

Jack's total points in all the 10 games were 120. If

his average was 20 for the games in which he

played, the number of games he played was $\frac{120}{20}$

= 6. So, he did not play in $10 - 6 = 4$ games.

58. **Answer:** (A)

A needs 80 (10×8) hours to complete the work alone.

Similarly, B and C need 120 (15×8) hours and 60 (20×8) hours, respectively.

A and B work for 36 (6×6) hours together.

$$\text{So, work done by them} = 36 \left(\frac{1}{80} + \frac{1}{120} \right) + \frac{H}{160} =$$

1, where H is the number of hours C has to work to complete the remaining work.

$$\therefore H = 40 \text{ hours}$$

So, C needs 4 days if he works 10 hours a day.

59. **Answer:** (D)

$$\text{Expected time} = \frac{1}{20} + \frac{1}{25} = \frac{9}{100} = \frac{100}{9} = \text{hours}$$

$$\frac{1}{20} - \frac{1}{z} = \frac{1}{\frac{100}{9} + 10}$$

$$\frac{1}{z} = \frac{1}{20} - \frac{9}{190} = \frac{1}{380}$$

$z = 380$ hours

60. **Answer:** (A)

$$\text{Part of tank filled by A and B in 2 hours} = \frac{2}{6} = \frac{1}{3}$$

$$\text{So in 8 hours, part of the tank filled by A} = 1 - \frac{1}{3}$$

$$= \frac{2}{3}$$

$$\text{In 1 hour, part filled by A} = \frac{2}{(3 \times 8)} = \frac{1}{12}$$

Now, let B take X hours to fill the tank.

$$\text{So, } \left(\frac{1}{12}\right) + \left(\frac{1}{X}\right) = \frac{1}{6}$$

$X = 12$ hours

61. **Answer:** (D)

Solution:

LCM of 252, 308 and 198 = 2772

So, A, B and C will again meet at the starting point in 2772 sec, i.e. 46 minutes and 12 seconds.

62. **Answer:** (D)

Total money spent on building A = Rs. 540,000

Money spent on bricks = 30% of 540,000 = (0.3)

(540,000) = Rs. 162,000

Total money spent on building B = 115% of

540,000 = 540,000 $\times$ ((A)15) = Rs. 621,000

Money spent on bricks = (0.35) (621,000) =

Rs. 217,350

Difference = Rs. 217,350 – Rs. 162,000 =

Rs. 55,350

63. **Answer:** (C)

Money spent on others in building A =

0.18(540000) = 97200

Money spent on others in building B = (0.13)

(621000) = 80730

Decrease = 16470

$$\therefore \text{Percent decrease} = \frac{16470 \times 100}{97200} = 16.94\%$$

64. **Answer:** (E)

Money spent on glass in building A = (0.14)

(540000) = Rs. 75600

Money spent on glass in building B = (0.17)

(621000) = Rs. 105570

$$\text{Ratio} = \frac{75600}{105570} = \frac{2520}{3519} = \frac{280}{391} = 280 : 391$$

65. **Answer:** (C)

Money spent on cement in building A = (0.26)

(540000) = Rs. 140400

Money spent on cement in building B if % on cement was 25%.

= (0.25) (621000) = Rs. 155,250

Increase = 14850

$$\text{Percent increase} = \frac{14850 \times 100}{140400} = 10.57 \text{ or } 10.6\%$$

66. **Answer:** (C)

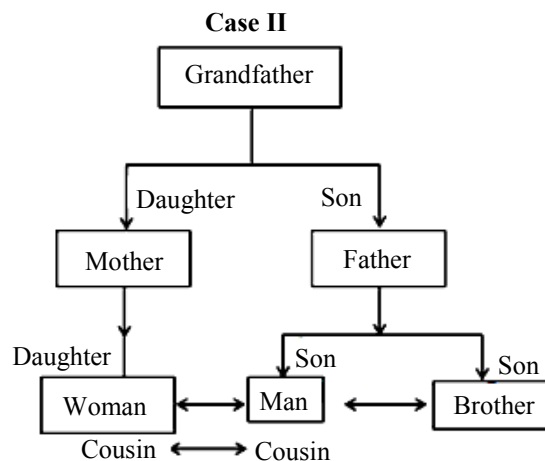
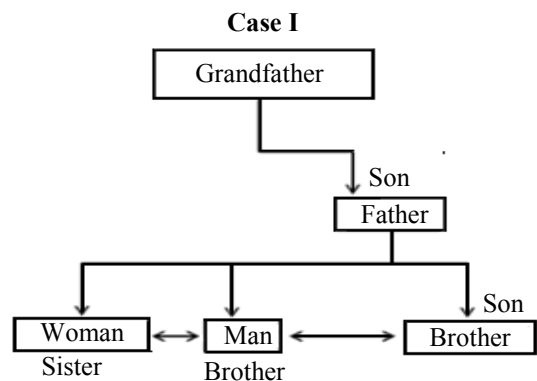
In the given code, the middle letter is kept the same and the first letter is replaced by the last, second with second last and third with third last and so on.

So, QUACKED will be coded as DEKCAUQ.

67. **Answer:** (A)

TREE = 2588 and FIRE = 1458. So, FREE will be coded as 1588.

68. **Answer:** (A)



The woman is the sister or cousin of the man.

69. **Answer:** (A)

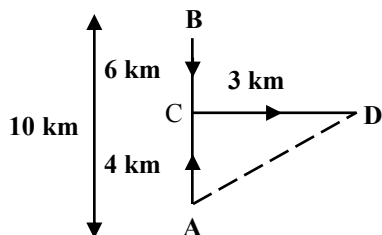
Pankaj's grandfather's only son's only son is Pankaj himself.

70. **Answer:** (B)

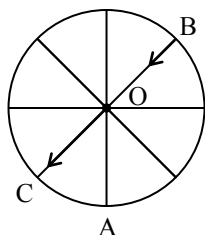
The movements of Kunal are as shown in the figure (A to B, B to C and C to D).
 $AC = (AB - BC) = (10 - 6) \text{ km} = 4 \text{ km}$
 Kunal's distance from the starting point A

$$= AD = \sqrt{AC^2 + CD^2} = \sqrt{4^2 + 3^2} = \sqrt{25} = 5 \text{ km}$$

So, Kunal is 5 km North-East from his starting point.



71. **Answer:** (C)



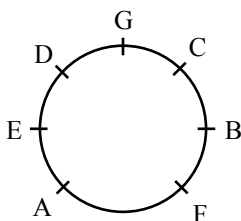
South west from O

Solution for Questions 72 – 76:

Friend	Bank	Post
A	S	Forex Officer
B	M	Agriculture Officer
C	N	Economist
D	L	Terminal Operator
E	R	IT Officer
F	Q	Clerk
G	P	Research Analyst

72. **Answer:** (B)
B works as an Agriculture Officer.
73. **Answer:** (C)
C is an Economist.
74. **Answer:** (A)
B works for Bank M.
75. **Answer:** (D)
A works for Bank S and he is a Forex Officer.
76. **Answer:** (D)

Solution for Questions 77 – 81:



77. **Answer:** (A)
F is to the immediate right of A.
E is the neighbour of A and D, i.e. E is between A and D.

G is not between F and C. So, B is between F and C.

Thus, the arrangement is as shown in the figure. Each one of CB, DE and GD is a pair sitting adjacent to each other, while BA is not.

78. **Answer:** (C)
B is second to the right of A and to the immediate left of C, while G is to the immediate left of D. A is to the immediate right of E.
79. **Answer:** (E)
F is to the immediate right of A.
E is the neighbour of A and D, i.e. E is between A and D.

G is not between F and C. So, B is between F and C.

Thus, the arrangement is as shown in the adjoining figure.

F sits (i) second to the left of C; (ii) to the immediate right of A; and (iii) to the immediate left of B.

80. **Answer:** (C)
F is to the immediate right of A.
E is the neighbour of A and D, i.e. E is between A and D.

G is not between F and C. So, B is between F and C.

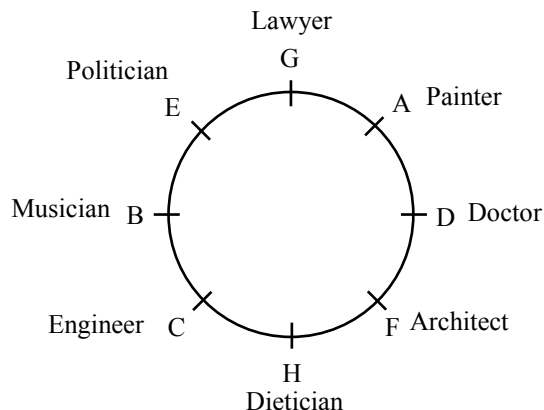
Thus, the arrangement is as shown in the adjoining figure.

F and C are the neighbours of B.

81. **Answer:** (B)
F is to the immediate right of A.
E is neighbour of A and D, i.e. E is between A and D.
G is not between F and C. So, B is between F and C.

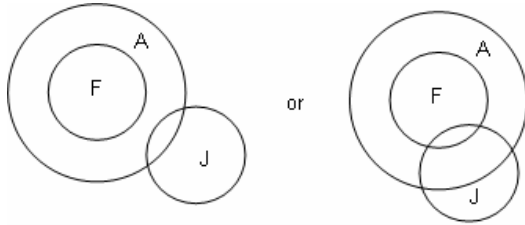
Thus, the arrangement is as shown in the figure. Clearly, the required group should contain three people who are sitting in three consecutive positions in anticlockwise order. Such a group is F, B and C.

Solution for Questions 82 – 86:

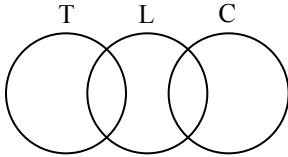


82. **Answer:** (D)
83. **Answer:** (A)
84. **Answer:** (B)

85. **Answer:** (B)
 86. **Answer:** (D)
 87. **Answer:** (D)



88. **Answer:** (D)

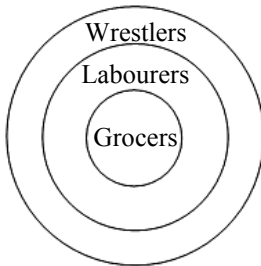


T: Triangular
 L: Linear
 C: Circular

Conclusions

- I. does not follow.
 II. does not follow.

89. **Answer:** (E)



∴ Both conclusions follow.

90. **Answer:** (A)
 When first and second digits within each number are interchanged, we get:
 183 749 654 835 972
 ∴ 813 will become the lowest as we will get 183.
 91. **Answer:** (B)
 Second lowest number = 479
 Its second digit = 7
 92. **Answer:** (C)
 Second highest number = 792
 Sum of first and third digits = 7 + 2 = 9
 93. **Answer:** (C)

A(1) B(2) C(3) D(4) E(5) F(6) G(7) H(8) I(9)
 J(10) K(11) L(12) M(13) N(14) O(15) P(16) Q(17)
 R(18) S(19) T(20) U(21) V(22) W(23) X(24)
 Y(25) Z(26)

BE, DJ, FO, ?, JY

B-1st multiple of 2, E-1st multiple of 5

D-2nd multiple of 2, J-2nd multiple of 5

F-3rd multiple of 2, O-3rd multiple of 5

H-4th multiple of 2, T-4th multiple of 5

J-5th multiple of 2, Y-5th multiple of 5

94. **Answer:** (D)

F and 5 have one character in between, i.e. 8, and rest all pairs are having two characters which are adjacent to each other.

95. **Answer:** (C)

Solution:

ABC; A + 1 = B; B + 1 = C; C + 3 = F

FGH; F + 1 = G; G + 1 = H; H + 3 = K

KLM; K + 1 = L; L + 1 = M; M + 3 = P

PQR; P + 1 = Q; Q + 1 = R; R + 3 = U

UVW; U + 1 = V; V + 1 = W

96. **Answer:** (C)

Statements:

R > K ≥ D, J > D

i. R > J (False)

ii. R > D (True)

iii. K > J (False)

97. **Answer:** (E)

M ≥ K, K = R, R < N

i. R < M

ii. R = M

iii. N > K (True)

Either (i) or (ii) and (iii) is true.

98. **Answer:** (D)

B < H, H > J, J ≥ M

i. B < J (can't say)

ii. M < B (can't say)

iii. H > M (true)

99. **Answer:** (E)

Z ≤ K, K < E, E = R

i. R > K (true)

ii. Z < E (true)

iii. R > Z (true)

100. **Answer:** (C)

W = M, M ≤ R, R > F

i. F < M (can't say)

ii. R ≥ W (true)

iii. W < F (can't say)

IBPS Clerical (Prelims) Mock Test – 5

1. (B)	2. (B)	3. (E)	4. (E)	5. (E)	6. (C)	7. (B)	8. (D)
9. (C)	10. (E)	11. (B)	12. (D)	13. (D)	14. (E)	15. (E)	16. (C)
17. (B)	18. (B)	19. (D)	20. (C)	21. (C)	22. (D)	23. (B)	24. (A)
25. (C)	26. (C)	27. (B)	28. (E)	29. (E)	30. (D)	31. (B)	32. (C)
33. (E)	34. (A)	35. (A)	36. (D)	37. (A)	38. (C)	39. (A)	40. (A)
41. (C)	42. (D)	43. (C)	44. (B)	45. (A)	46. (B)	47. (D)	48. (A)
49. (A)	50. (C)	51. (C)	52. (C)	53. (E)	54. (A)	55. (E)	56. (C)
57. (C)	58. (C)	59. (A)	60. (C)	61. (B)	62. (C)	63. (A)	64. (D)
65. (C)	66. (B)	67. (B)	68. (E)	69. (D)	70. (D)	71. (A)	72. (D)
73. (B)	74. (C)	75. (B)	76. (C)	77. (E)	78. (E)	79. (A)	80. (C)
81. (D)	82. (D)	83. (C)	84. (A)	85. (C)	86. (B)	87. (C)	88. (D)
89. (C)	90. (B)	91. (A)	92. (D)	93. (A)	94. (B)	95. (C)	96. (E)
97. (C)	98. (A)	99. (D)	100. (D)				

1. **Answer: (B)**
'Thick woods' refers to a dense forest here.
2. **Answer: (B)**
There were fewer birds because they love sunshine, but there was little sunshine in the forest.
3. **Answer: (E)**
It is mentioned in the 2nd line of the 2nd paragraph.
4. **Answer: (E)**
It is mentioned in the last line of the fourth paragraph that nothing can hurt the scarecrow. No reason is given.
5. **Answer: (E)**
It is mentioned in the 2nd last paragraph. Dorothy was afraid that the Lion might kill Toto. So, she attacked the Lion.
6. **Answer: (C)**
Plenty here refers to abundant sunshine.
7. **Answer: (B)**
Sharp here refers to claws of the Lion. So, spiky is the correct word.
8. **Answer: (D)**
Still refers to not moving or motionless.
9. **Answer: (C)**
Here, tedious means difficult or laborious and thus, easy would be the correct antonym.
10. **Answer: (E)**
Here, secure is the correct antonym of dangerous.
11. **Answer: (B)**
Here, virtuous is opposite of evil doers. So, the word in the blank must be opposite in meaning to punishing, which is rewarding.
12. **Answer: (D)**
People and **investors** do not fit with poets, musicians and artists. **Instruments** does not fit here. Scholars is the only option that fits as they are accomplished and skilled like artists, musicians etc. Researcher is a singular word and doesn't fit with the rest.
13. **Answer: (D)**
Only 'sessions' fits in the context here. It refers to a continuous series of sittings or meetings of a court, legislature, or the like.
14. **Answer: (E)**
Jewels and gold can be categorized as precious items.
15. **Answer: (E)**
Show here refers to display manner or way. Other words do not fit in the context here.
16. **Answer: (C)**
(C) to. With words like superior, inferior, prefer, etc, we always make use of the preposition 'to'.
17. **Answer: (B)**
(B) 'I was told by him' instead of 'he told me'; as the sentence is in passive voice. We need to introduce the subject after the modifying phrase, as to who was in conversation with the officer.
18. **Answer: (B)**
(B) add 'are' before 'absent' as the verb referring to the plural noun 'students' is missing.
19. **Answer: (D)**
Change 'ran for' to 'ran after' to correct the error. 'Ran after' means 'to try to catch somebody'.
20. **Answer: (C)**
(C) a. Words starting with u, eu and giving a consonant sound (like university) are preceded by the article 'a'.
21. **Answer: (C)**
'Not uncommon' here means usual. Soldiers 'serve' in the army.
22. **Answer: (D)**
'While' here means a particular time. A sound is 'heard', not read or caught.
23. **Answer: (B)**
'Renewable energy' is the correct phrase. 'Hotspot' means very popular.
24. **Answer: (A)**
The word 'professional' is a clear hint to the first blank. With it, only profession is true. For second

option, abide' is also correct. From the other options, only 'stand' could have fitted with 'by', but 'society' is incorrect for the first blank.

25. **Answer:** (C)

Option (C) is the correct answer. The key word is 'riots'. The authorities would order the closing or shutdown of the shops to protect them.

Solution for Questions 26 – 30:

Sentence 3 introduces the lion, so it should be the first line of the passage as it begins with the phrase 'Once upon a time'. Sentence 6 describes the lion's activity on a particular day, so it is the second line of the passage. Sentence 5 introduces the mouse and describes what the mouse did to the sleeping lion, so it is the third line of the passage. Sentence 1 describes the lion's reaction, so it is the fourth line of the passage. In sentence 2, the lion saw the mouse after searching for it in the previous sentence, so it is the fifth line of the passage. In sentence 4, it is reported what the lion did after seeing the mouse and it is the last line of the passage.

26. **Answer:** (C)

27. **Answer:** (B)

28. **Answer:** (E)

29. **Answer:** (E)

30. **Answer:** (D)

31. **Answer:** (B)

$$(6666 \div 60) + (895 \div 25) + (3661 \div 25) \\ = 111.1 + 35.8 + 146.44 = 293.34$$

∴ Option (B) is correct.

32. **Answer:** (C)

3.05% of 1200 + 6.4% of 800

$$\frac{3.05}{100} \times 1200 + \frac{6.4}{100} \times 800$$

$$3.05 \times 12 + 6.4 \times 8$$

$$= 36.6 + 51.2$$

$$= 87.8$$

33. **Answer:** (E)

$$27.28 + 2.2 + 4.7 \times 1.5 = 29.48 + 7.05 = 36.53.$$

Hence, option (E) is correct.

34. **Answer:** (A)

$$450 \times 374 \div 44 + 12.5$$

$$\Rightarrow 374 \div 44 = 8.5$$

$$8.5 \times 450 = 3825 + 12.5$$

Therefore, 3837.5 is answer.

35. **Answer:** (A)

$$(8888 \div 40) + (785 \div 45) + (6448 \div 25)$$

$$= 222.2 + 17.44 + 257.92$$

$$= 497.56$$

36. **Answer:** (D)

$$9228.789 \approx 9229$$

$$5021.832 \approx 5022$$

$$1496.989 \approx 1497$$

$$9229 + 1497 - 5022 = 5704 \approx 5700$$

37. **Answer:** (A)

$$39 \approx 40$$

$$\text{So } \frac{40}{100} \times 700 = \frac{10}{100} \times 2$$

$$\Rightarrow 2800 = x$$

38. **Answer:** (C)

$$1525 \times 20 + 495$$

According to BODMAS

$$30500 + 495 = 30995 \approx 31000$$

39. **Answer:** (A)

$$25646/245 + 124 \times 210 - 4410 = ?$$

$$104.68 + 26040 - 4410 = ?$$

$$= 21734.68$$

40. **Answer:** (A)

$$? = 8 [5.33 \times 7.4 - 3.33 \times 6.26]$$

$$\approx 8[39.4 - 21] \approx 8[18.4] \approx 150$$

41. **Answer:** (C)

The differences of the terms are $-6, -5, -4, -3, -2$.

So, the missing number is $12 - 2 = 10$.

42. **Answer:** (D)

$$4, 6, 16, 54, \underline{\quad}$$

$$4 \times 1 + 2 = 6$$

$$6 \times 2 + 4 = 16$$

$$16 \times 3 + 6 = 54$$

$$54 \times 4 + 8 = 224$$

43. **Answer:** (C)

$$(4 \times 2) + 2 = 10$$

$$(10 \times 3) + 3 = 33$$

$$(33 \times 4) + 4 = 136$$

$$(136 \times 5) + 5 = 685$$

$$(685 \times 6) + 6 = 4116$$

44. **Answer:** (B)

The series follows the following pattern:

$$7 \times 2 - 1 = 13$$

$$13 \times 2 - 3 = 23$$

$$23 \times 2 - 5 = 41$$

$$41 \times 2 - 7 = 75$$

$$75 \times 2 - 9 = 141$$

Thus, next term of the series is 141.

45. **Answer:** (A)

This is a subtraction series with repetition. Each number repeats itself and then decreases by 9.

46. **Answer:** (B)

In P, quantity of supari = $9/13$

And quantity of saunf = $4/13$

In Q, quantity of supari = $9/26$

And quantity of saunf = $17/26$

When we mix these two mouth fresheners,

$$\text{Total quantity of supari} = \frac{9}{13} + \frac{9}{26} = \frac{18+9}{26} = \frac{27}{26}$$

$$\text{Total quantity of saunf} = \frac{4}{13} + \frac{17}{26} = \frac{8+17}{26} = \frac{25}{26}$$

So, ratio of saunf and supari in R = $25 : 27$

47. **Answer:** (D)

Let Rs. 100 be the original price of the old furniture set.

After the first reduction of 12%, the price = $100 - 12 = \text{Rs. } 88$

The second discount = Rs. $88 \times \frac{15}{100}$ = Rs. 13.20

Price after the second reduction = $88 - 13.20$ = Rs. 74.80

Third reduction = Rs. $74.80 \times \frac{20}{100}$ = Rs. 14.96

Price after the third and final discount = Rs. $(74.80 - 14.96)$ = Rs. 59.84

Total reduction = Rs. $(100 - 59.84)$ = Rs. 40.16

Total discount on the furniture set = 40.16%

48. **Answer:** (A)

Let P be the principal.

$$\text{CI for 2 years} = P \left[\left(1 + \frac{7}{100} \right)^2 - 1 \right]$$

$$\text{SI for 2 years} = \frac{P \times 7 \times 2}{100}$$

$$P \left[\frac{(107)^2 - (100)^2}{100^2} - \frac{7 \times 2}{100} \right] = \text{Rs. } 7.35$$

$$\Rightarrow P \left[\frac{(207)^2 - 7 \times 2 \times 100}{100^2} \right] = \text{Rs. } 7.35$$

$$\Rightarrow \frac{7P(207 - 200)}{100^2} = \text{Rs. } 7.35$$

$$P = \text{Rs. } \frac{100 \times 100 \times 7.35}{7 \times 7}$$

$$P = \text{Rs. } 1500$$

49. **Answer:** (A)

C.I. = Rs. 44

$$\text{C.I.} = P \left[1 + \frac{R}{100} \right]^T - P$$

Let principal be P

$$44 = P \left[1 + \frac{20}{100} \right]^2 - P$$

$$44 = P \left[\frac{120}{100} \right]^2 - P$$

$$44 = P \left[\frac{14400}{10000} - 1 \right]$$

$$44 = P \times 0.44$$

$$\Rightarrow P = \frac{44}{0.44} \times 100$$

$$\Rightarrow P = 100$$

So principal = Rs. 100

$$\text{S.I.} = \frac{P \times R \times T}{100}$$

$$\frac{100 \times 20 \times 2}{100}$$

$$\text{S.I.} = \text{Rs. } 40$$

50. **Answer:** (C)

Let Gaurav get Rs. x from his father. Hotel expenses = 0.40x

Books = 0.20x

Remaining = $x - (0.60x)$

Transport = $0.50 (x - 0.60x)$

Money saved = $0.50 (x - 0.60x)$

According to the question:

$$450 = \frac{1}{2} (0.50) (x - 0.60x)$$

$$900 = 0.50x - 0.30x$$

$$900 = 0.20x$$

$$\Rightarrow x = \frac{900}{0.20} \times 100 = \text{Rs. } 4500$$

51. **Answer:** (C)

Solution:

The first sentence gives a total of 144 for A's, B's and C's marks.

Second sentence: When D joins the group, the total becomes $44 \times 4 = 176$. Hence, D must get 32 marks.

Alternatively, you can reach this point by considering the first two statements together as: D's joining the group reduces the average from 48 to 44 marks (i.e. 4 marks).

This means that to maintain the average of 48 marks, D has to take 4 marks from A, 4 from B and 4 from C or A, i.e. a total of 12 marks. Hence, he must have got 32 marks.

From here:

The first part of the third sentence gives us information about E getting 3 marks more than 32. Hence, E gets 35 marks.

Now, it is further stated that when E replaces A, the average marks of the students reduce by 1, to 43.

Mathematically, this can be shown as

$$A + B + C + D = 44 \times 4 = 176$$

$$B + C + D + E = 43 \times 4 = 172$$

Subtracting the two equations, we get $A - E = 4$ marks. Hence, A would have got 39 marks.

Alternatively, you can think of this as:

The replacement of A with E results in the reduction of 1 mark from each of the 4 people who belong to the group. Hence, the difference is 4 marks. Hence, A would get 4 marks more than E, i.e. 39 marks.

52. **Answer:** (C)

Since n^{th} number is increased by n, the total increment = $1 + 2 + \dots + 75 = \frac{75 \times 76}{2}$. So,

$$\text{increase in the average} = \frac{\frac{75 \times 76}{2}}{75} = \frac{76}{2} = 38$$

So, new average = $50 + 38 = 88$

53. **Answer:** (E)

Let the four consecutive odd numbers be $(2x - 3)$, $(2x - 1)$, $(2x + 1)$ and $(2x + 3)$.

Now average of these numbers is 36, i.e. $x = 18$.

Thus, the smallest number is $2(18) - 3 = 33$.

Hence, option (E) is correct.

54. **Answer:** (A)

$$\text{Work done by Austin in 1 day} = \frac{1}{9}$$

$$\text{Work done by Berkley in 1 day} = \frac{1}{18}$$

$$\text{Work done by Mike in 1 day} = \frac{3}{36} = \frac{1}{12}$$

Work done by the three together in 1 day =

$$\frac{1}{9} + \frac{1}{18} + \frac{1}{12} = \frac{1}{4}$$

They take 4 days to do the work.

55. **Answer:** (E)

Time taken by tap A to fill the tank = 12 min.

Time taken by tap B to fill the tank = 16 min.

Time taken by tap C to empty the tank = 8 min.

Now, according to the question,

Time required to fill the tank when all the taps are

$$\text{working} = \frac{1}{\frac{1}{12} + \frac{1}{16} - \frac{1}{8}}$$

$$= \frac{1}{\frac{4+3-6}{48}} = \frac{1}{\frac{1}{48}} = 48 \text{ min}$$

56. **Answer:** (C)

Apply direct formula: Average cost =

$$\frac{13 \times 2 + 15 \times 3}{5} = 14.2$$

57. **Answer:** (C)

The speed of car in m/s = $36 \times 5/18 = 10$ m/s. The relative speed of bullet w.r.t. the thief = $260 - 10 = 250$ m/s. The time taken by the bullet to reach the

$$\text{thief is equal to distance/relative speed} = \frac{125}{250}$$

$$= 0.5 \text{ s.}$$

58. **Answer:** (C)

$$\text{Average speed} = \frac{2 \times 21 \times 24}{21 + 24} = 22.4 \text{ kmph}$$

$$\text{Distance travelled} = 22.4 \times 10 = 224 \text{ km}$$

59. **Answer:** (A)

$$48 \text{ km/hr} = 48 \times \frac{5}{18} \text{ m/sec} = \frac{48 \times 5 \times 60}{18} \text{ m/min} =$$

$$800 \text{ m/min}$$

$$\text{Number of posts} = \frac{800}{50} = 16$$

60. **Answer:** (C)

Let u be the speed of Vinod. Then, $(u + 12)$ will be the speed of Lakhwinder. To travel 24 km, Vinod takes $24/u$ hours and Lakhwinder takes $24/(u + 12)$ hours.

But Vinod takes $9/5$ hours more than Lakhwinder.

$$\text{Therefore, } 24/u = 24/(u + 12) + 9/5$$

$$\text{i.e. } 120(u + 12) = 120u + 9u(u + 12)$$

$$9u^2 + 108u = 1440, \text{ i.e. } u^2 + 12u - 160 = 0$$

On solving, we get $u = 8$

Vinod's speed = 8 kmph

Lakhwinder's speed = 20 kmph

61. **Answer:** (B)

The total sale of all brands of cycles taken together is given as:

For 1986, $10 + 40 + 50 = 100$ units

For 1987, $20 + 30 + 40 = 90$ units

For 1988, $30 + 30 + 60 = 120$ units

For 1989, $20 + 40 + 50 = 110$ units

For 1990, $25 + 40 + 60 = 125$ units

For 1991, $30 + 50 + 65 = 145$ units

Clearly, in 1987, it is the lowest.

62. **Answer:** (C)

By visualisation, it is clear that in the year 1988, the sales of cycles of brands A and B were exactly the same.

63. **Answer:** (A)

In 1986, the sale of brand C was one-fourth of that of brand B.

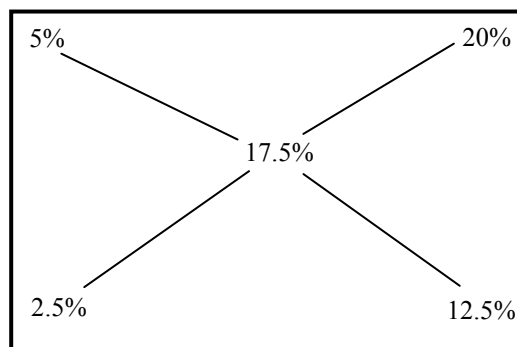
(10 is one-fourth of 40.)

64. **Answer:** (D)

The sale of brand B in 1990 is 60 units and the sale of brand A in 1988 is 30 units. Thus, $30 = x\%$ of 60.

$$\Rightarrow x = \frac{30}{60} \times 100 = 50\%$$

65. **Answer:** (C)



Apply the rule of alligation:

$$\therefore \frac{Q_c}{Q_d} = \frac{20 - 17.5}{17.5 - 5} = \frac{1}{5}$$

$$\Rightarrow \text{C.P. of dog} = \frac{5}{6} \times 4500 = \text{Rs. } 3750$$

66. **Answer:** (B)

The letters preceding the first, third and fifth letters of the given word and those succeeding the second, fourth and last letters of the word in the alphabet form the code.

67. **Answer:** (B)

more money in market – zo li aa to

share in market profit – vo to je li

making more profit now – su je zo ka

now the market gains – do li yo su

market → li

in → to

money → aa
 more → zo
 share → vo
 profit → je
 making → ka
 now → su
 the → do/yo
 gains → yo/do

The code for 'gains' is either 'do' or 'yo'.

68. **Answer:** (E)

Data is insufficient as we cannot determine the code for 'the'.

69. **Answer:** (D)

The boy in the photograph is either the son or the nephew of Rasika (Rasika can be male or female).

70. **Answer:** (D)

$P \div R \rightarrow$ P is mother of R

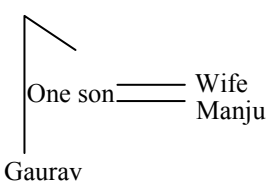
$R + S \rightarrow$ R is father of S

$S \times Q \rightarrow$ S is wife of Q

Therefore, P is grandmother of S.

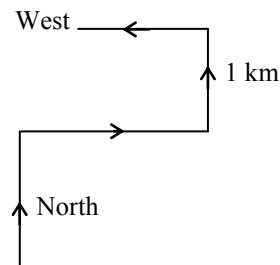
71. **Answer:** (A)

Grandfather



Manju is the mother of Gaurav.

72. **Answer:** (D)



By looking at the figure, option (D) is correct.

Solution for Questions 73 – 78:

Aisha – Red

Akira – Yellow/green

Anne – Golden

Amy – Yellow/green

Audrey – Brown

73. **Answer:** (B)

74. **Answer:** (C)

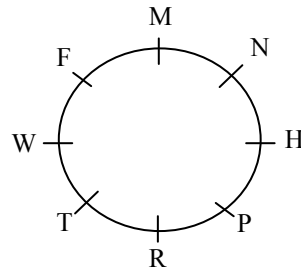
75. **Answer:** (B)

76. **Answer:** (C)

77. **Answer:** (E)

78. **Answer:** (E)

Solution for Questions 79 – 83:



79. **Answer:** (A)

80. **Answer:** (C)

81. **Answer:** (D)

82. **Answer:** (D)

83. **Answer:** (C)

84. **Answer:** (A)

Persons: Raman, Chaman, Aman, Karan, Sajan

85. **Answer:** (C)

86. **Answer:** (B)

87. **Answer:** (C)

88. **Answer:** (D)

5 elements in the above arrangement are both immediately preceded and immediately followed by a number.

89. **Answer:** (C)

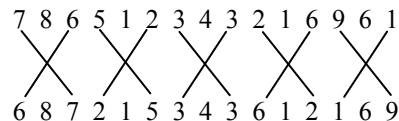
90. **Answer:** (B)

5 letters in the arrangement are immediately followed by a symbol.

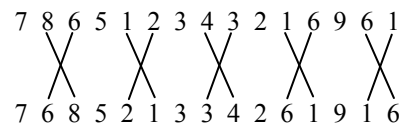
91. **Answer:** (A)

is the eighth to the left of the twelfth from the left end of the arrangement.

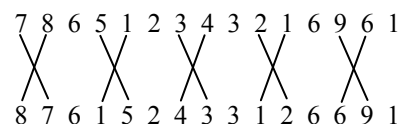
92. **Answer:** (D)



93. **Answer:** (A)



94. **Answer:** (B)



$$\text{Sum} = 8 + 7 + 6 = 21$$

95. **Answer:** (C)

$$\begin{array}{ccccccccc} 7 & 8 & 6 & 5 & 1 & 2 & 3 & 4 & 3 & 2 & 1 & 6 & 9 & 6 & 1 \\ + & + & + & + & + & & & & & & & & & & \\ \hline 21 & 8 & 10 & 9 & 16 & & & & & & & & & & \end{array}$$

Square of the highest sum

$$21^2 = 441$$

96. **Answer:** (E)

786 512 343 216 961

Difference = $961 - 216 = 745$

Cube of middle digit = $(D)^3 = 64$

97. **Answer:** (C)

Statements:

$$V \# T \Rightarrow V = T$$

$$T * R \Rightarrow T > R$$

$$D @ T \Rightarrow D \leq T$$

We, get, $V = T > R$, $D \leq T$ or

$$D \leq T = V, T > R$$

Conclusions:

$$\text{I. } D \# V \Rightarrow D = V$$

$$\text{II. } D @ V \Rightarrow D < V$$

Option (C) is correct.

98. **Answer:** (A)

Statements:

$$M @ R \Rightarrow M < R$$

$$R @ K \Rightarrow R \leq K$$

$$K \# T \Rightarrow K = T$$

We get, $M < R \leq K = T$

Conclusions:

$$\text{I. } M @ T \Rightarrow M < T - \text{True}$$

$$\text{II. } T \# M \Rightarrow T = M - \text{False}$$

Option (A) is correct.

99. **Answer:** (D)

Statements:

$$H \$ F \Rightarrow H \geq F$$

$$D * F \Rightarrow D > F$$

$$M @ D \Rightarrow M \leq D$$

We get, $H \geq F < D \geq M$

Conclusions:

$$\text{I. } H \# M \Rightarrow H = M - \text{False}$$

$$\text{II. } M * D \Rightarrow M > D - \text{False}$$

Option (D) is correct.

100. **Answer:** (D)

Statements:

$$B @ R \Rightarrow B \leq R$$

$$R @ N \Rightarrow R < N$$

$$N \$ K \Rightarrow N \geq K$$

We get, $B \leq R < N \geq K$

Conclusions:

$$\text{I. } R * K \Rightarrow R > K - \text{False}$$

$$\text{II. } N @ B \Rightarrow N < B - \text{False}$$

Option (D) is correct.

IBPS Clerical (Prelims) Mock Test – 6

1. (C)	2. (E)	3. (C)	4. (D)	5. (C)	6. (C)	7. (A)	8. (D)
9. (B)	10. (E)	11. (D)	12. (D)	13. (D)	14. (B)	15. (C)	16. (A)
17. (C)	18. (A)	19. (S)	20. (B)	21. (D)	22. (A)	23. (D)	24. (E)
25. (A)	26. (C)	27. (A)	28. (D)	29. (C)	30. (A)	31. (B)	32. (D)
33. (B)	34. (A)	35. (A)	36. (D)	37. (C)	38. (A)	39. (E)	40. (D)
41. (C)	42. (A)	43. (E)	44. (A)	45. (A)	46. (B)	47. (A)	48. (B)
49. (B)	50. (B)	51. (B)	52. (D)	53. (C)	54. (A)	55. (D)	56. (B)
57. (D)	58. (A)	59. (C)	60. (A)	61. (A)	62. (C)	63. (B)	64. (A)
65. (C)	66. (B)	67. (D)	68. (D)	69. (A)	70. (A)	71. (D)	72. (C)
73. (C)	74. (D)	75. (A)	76. (D)	77. (A)	78. (D)	79. (C)	80. (A)
81. (A)	82. (B)	83. (A)	84. (B)	85. (B)	86. (D)	87. (C)	88. (E)
89. (D)	90. (B)	91. (D)	92. (E)	93. (B)	94. (A)	95. (E)	96. (A)
97. (D)	98. (E)	99. (E)	100. (C)				

1. **Answer: (C)**
The Rabbit and the Jaguar is a title that best represents the two main characters of the story.
2. **Answer: (E)**
None of these is true about the jaguar as both of them tried to trick each other, none of them loved each other and the jaguar failed in fooling the rabbit.
3. **Answer: (C)**
The rabbit repeatedly spoilt the jaguar's plans. Hence, he is a clever animal that saw through the jaguar's tricks every time.
4. **Answer: (D)**
It is given in the passage that, 'He was hanging from an elastic vine, bouncing up and down, laughing with glee.'
5. **Answer: (C)**
It is given in the passage that '...he wriggled and wriggled, and popped with the spring of the elastic flying high into the air – high, high into the sky he flew, until Conejo landed on the moon.'
6. **Answer: (C)**
Reason: Here, landed means to come down to the ground after flying. Hence, 'soared' would be the required antonym as it means 'to fly high'.
7. **Answer: (A)**
Reason: Slinked means to stealthily or quietly move around and sneaked also means the same. Hence, it is the correct option.
8. **Answer: (D)**
Reason: Glee means happiness and sadness is the correct antonym for it.
9. **Answer: (B)**
Reason: To dupe someone is to fool someone. Hence, tricked is the correct answer.
10. **Answer: (E)**
Reason: To prop up something means to give support to something.
11. **Answer: (D)**
Parcel refers to a package. Give and take can't be used to send a letter. A letter is delivered by a postman. 'Mail a letter' is the correct phrase.
12. **Answer: (D)**
'Bent down' is the correct phrase as the pennies were on the ground.
13. **Answer: (D)**
Here, there is no reference in the following line that the author jumped or tumbled into the post office. Run into means to collide with something. So, walked is the correct word.
14. **Answer: (B)**
She was looking for money to send a mail. So, papers or documents can't be the answer. Change refers to coins as opposed to banknotes.
15. **Answer: (C)**
Here, the author put the coins on the counter for the woman. So, placed will be the correct word.
16. **Answer: (A)**
'comes' should replace 'came' as the sentence is in present tense.
17. **Answer: (C)**
'to' should replace 'in'. 'Joined to make a temporary stage' is the correct phrase.
18. **Answer: (A)**
'Better' should replace 'best'. Comparative adjective is required here.
19. **Answer: (E)**
The sentence is correct.
20. **Answer: (B)**
'Thoughts' should be used here, as use of 'all' makes it plural.

Solution for Questions 21 – 25: Sentence 3 should be the first sentence as it introduces the characters. Sentence 6 should follow it as it starts with the pronoun 'they', which is used for the two girls. Sentence 1 should be third as it introduces the school. Sentence 5 should be next as it starts with a pronoun 'it' and describes the school.

Sentence 4 should be fifth as it describes the furniture present in the school. Sentence 2 should be the last one.

21. **Answer:** (D)
 22. **Answer:** (A)
 23. **Answer:** (D)
 24. **Answer:** (E)
 25. **Answer:** (A)
 26. **Answer:** (C)
 It should be 'French'. It represents the nationality.
 27. **Answer:** (A)
 The correct spelling is 'performance'.
 28. **Answer:** (D)
 The word 'via' is generally used talking about the places being passed through on the way. Correct word which should be used is 'by'.
 29. **Answer:** (C)
 Since the subject (his) is singular, 'is' should be used, instead of 'are'.
 30. **Answer:** (A)
 'moved in' should replace 'moved into'. Here, it means to take up residence in these apartments.
 31. **Answer:** (B)
 $6075 \div 9.02 - 670.03 + 125.33 = ?$
 Applying approximation:
 $6075 \div 9 - 670 + 125 = 130$
 32. **Answer:** (D)
 The approximate values for the given expression
 $\frac{340}{20} \div \frac{30}{510} \times \frac{180}{60} = 17 \times 17 \times 3 = 867$. So,
 approximate answer is 870.
 33. **Answer:** (B)
 $\frac{7}{9}$ of $8264.5 = 6427.95$
 $6427.944 + 4856.22 = 11284.1644$
 11284 is the approximate answer.
 34. **Answer:** (A)
 $\sqrt[3]{68321} = 40.88$
 $\Rightarrow (81 \div 2) = 40.5$
 $\Rightarrow$ It is approximately the square of 41.
 35. **Answer:** (A)
 $? = 8(5.33 \times 7.4 - 3.33 \times 6.25)$
 $\approx 8[39.4 - 21] \approx 8[18.4] \approx 150$
 36. **Answer:** (D)
 I. $x^2 - 7x + 12 = 0$
 $x^2 - 4x - 3x + 12 = 0$
 $x(x - 4) - 3(x - 4) = 0$
 $x = 3, 4$
 II. $y^2 - 12y + 32 = 0$
 $y^2 - 8y - 4y + 32 = 0$
 $y(y - 8) - 4(y - 8) = 0$
 $y = 4, 8$
 $y \geq x$
 37. **Answer:** (C)
 I. $2x^2 + 11x + 14 = 0$
 II. $4y^2 + 12y + 9 = 0$

$$x = \frac{-7}{2}, -2 \quad \dots\dots\dots \text{(A)}$$

$$y = \frac{-3}{2}, \frac{-3}{2} \quad \dots\dots\dots \text{(B)}$$

From (A) and (B), we get
 $y > x$

38. **Answer:** (A)
 I. $x^2 - 4 = 0$
 $x = \pm 2 \quad \dots\dots\dots \text{(A)}$
 II. $y^2 + 6y + 9 = 0$
 $y = -3 \quad \dots\dots\dots \text{(B)}$
 From (A) and (B), we get
 $x > y$

39. **Answer:** (E)
 I. $x^2 + 3x - 40 = 0$
 $x^2 + 8x - 5x - 40 = 0$
 $x(x + 8) - 5(x + 8) = 0$
 $x = 5$ and $x = -8$
 II. $y^2 - 2y - 80 = 0$
 $y^2 - 10y + 8y - 80 = 0$
 $y(y - 10) + 8(y - 10) = 0$
 $y = 10$ or -8

From the two equations of x and y, it is clear that there is no relation between x and y.

40. **Answer:** (D)
 On solving both the equations, we get
 $x = 1, 3$ and $y = 3, 4$
 So, correct option is (D).

41. **Answer:** (C)
 Here, the series has two alternating series. In the first series (7, 10, 13...), the numbers are increasing by 3. Hence, the next number will be $13 + 3 = 16$.

In the second series (6, 8, 10, ...), the numbers are increasing by 2. Hence, the next number will be $10 + 2 = 12$.

42. **Answer:** (A)
 $0, 257, 515, 774, ?$
 $0 + (4^4 + 1) = 257$
 $257 + (4^4 + 2) = 515$
 $515 + (4^4 + 3) = 774$
 $774 + (4^4 + 4) = 1034$

43. **Answer:** (E)
 $1, 6, 17, 36, ?, 106$
 $1 \rightarrow + (2^2 + 1) = 6$
 $6 \rightarrow + (3^2 + 2) = 17$
 $17 \rightarrow + (4^2 + 3) = 36$
 $36 \rightarrow + (5^2 + 4) = 65$
 $65 \rightarrow + (6^2 + 5) = 106$

44. **Answer:** (A)
 $1 \rightarrow + (2^2) = 5$
 $5 \rightarrow + (3^2) = 14$
 $14 \rightarrow + (5^2) = 39$
 $39 \rightarrow + (7^2) = 88$
 $88 \rightarrow + (11^2) = 209$

45. **Answer:** (A)
 Let the present ages of Nitish, Manish and Rohit be $5x, 6x$ and $11x$, respectively.

According to the question,
 $(5x + 7) + (6x + 7) + (11x + 7) = 87$
 $22x + 21 = 87$
 $22x = 66$
 $x = 3$

Nitish's present age = $5 \times 3 = 15$ years
 Manish's present age = $6 \times 3 = 18$ years
 Rohit's present age = $11 \times 3 = 33$ years

46. **Answer:** (B)

$$\frac{\text{Wine left}}{\text{Cask capacity}} = \left(\frac{\text{Total volume} - \text{Volume taken out}}{\text{Total volume}} \right)^n$$

$$\frac{25}{49} = \left(\frac{x-6}{x} \right)^2$$

Required answer = $x = 21$ litres

47. **Answer:** (A)

Let's say B joined after y months.

$$\text{Then } \frac{(76000 \times 12)}{(57000 \times (12 - y))} = 4 : 1$$

$$\frac{48}{(36 - 3 \times y)} = 4$$

$$12 = 36 - 3 \times y$$

$$y = 8 \text{ months}$$

48. **Answer:** (B)

Volume of sugar-water solution = 4.6 litres
 Volume of sugar-water solution after spilling out =
 $4.6 - 2.8 = 1.8$ litres
 Sugar in the solution = $1.8 \times 24\%$
 $= 1.8 \times \frac{24}{100} = \frac{54}{125}$

As previously, when the amount spills out, the solution remained was 1.8 litres. Now, 1.8 litres more water is added to fill the can. Now, percentage of sugar in 6 litre solution =
 $(54/125)/6 \times 100 = 7.2\%$

49. **Answer:** (B)

Deepika	Nidhi	Gurpreet
110	$\frac{100}{90} \times 110$	100

Goods worth Rs. 100 from Gurpreet are available at Rs. $(\frac{100}{90} \times 100 - 100)$, i.e. at $\frac{200}{9}\%$, i.e. at

$$22\frac{2}{9}\%.$$

50. **Answer:** (B)

Let the sum be Rs. x .

$$\text{SI from the bank} = \frac{x \times 6 \times 2}{100} = \frac{12x}{100}$$

Earning in the form of interest from the mutual

$$\text{fund} = \frac{x \times 8 \times 4}{100} = \frac{32x}{100}$$

ATQ:

$$\frac{32x}{100} - \frac{12x}{100} = \text{Rs. } 1000$$

$$x = 5000$$

So, sum invested = Rs. 5000

51. **Answer:** (B)

Amount spent on clothing = $20/100 \times 25000$
 = Rs. 5000

Amount spent on food = $25/100 \times 25,000$
 = Rs. 6250

Remaining amount = $25000 - (5000 + 6250)$
 = Rs. 13,750

Amount spent on miscellaneous items = 30% of the remaining

So, amount saved = 70% of 13,750 = $70/100 \times 13,750$ = Rs. 9625

52. **Answer:** (D)

Let the total number of votes be 100.

$X = 60$ and $Y = 40$

After the promise is broken,

$$X = 60 \times .85 = 51$$

$$Y = 40 \times .75 = 30$$

So, X gets 10 of Y and Y gets 9 of X.

So, X's total = $51 + 10 = 61$

53. **Answer:** (C)

Let the number of games the team won = x

ATQ:

$$\frac{50}{100} \times (60 + x) = 18 + x$$

$$60 + x = 36 + 2x$$

$$60 - 36 = 2x - x$$

$$\text{Or } x = 24$$

54. **Answer:** (A)

Let there be X students in the class.

Total increase in marks = $X \times 0.75$

Also, total increase in marks = $93 - 63 = 30$

So, $0.75X = 30$

Or $X = 40$

55. **Answer:** (D)

The rates of completion of work for the two sons are $(1/3)$ per hour and $(1/6)$ per hour.

Therefore, the rate of completion of work for their

father is given as $= \left(\frac{1}{3} + \frac{1}{6} \right) = \left(\frac{1}{2} \right)$ per hour.

Thus, the father alone can complete the job in 2 hours.

56. **Answer:** (B)

First pipe can fill the cistern in 2 hours.

Second pipe can empty the cistern in 3 hours.

Now, according to the question,

$$\text{Time taken to fill the cistern} = \frac{1}{\frac{1}{2} - \frac{1}{3}} = 6 \text{ hours}$$

57. **Answer:** (D)

Since both of them are travelling the same distance, so their speeds will be inversely proportional to time.

Ratio of speeds = 2 : 3

Ratio of time = 3 : 2

A takes 10 minutes more than B.

$3x - 2x = 10$ minutes

A's time = 30 minutes

A covers the distance in 30 minutes, if his speed is x .

$\Rightarrow$ He will cover the same distance in 15 minutes, if his speed doubles, i.e. $2x$.

58. **Answer:** (A)

$$\text{Required average} = \frac{51 \times 20 + 45 \times 10}{30} = \frac{1470}{30} =$$

49 kg

59. **Answer:** (C)

Let the speed of swimming of the person in still water be 'X' kmph and the speed of the current be 'Y' kmph.

Thus, we have $(X + Y) = 6$ and $(X - Y) = 2$

Solving these equations, we get

$X = 4$ kmph and $Y = 2$ kmph

60. **Answer:** (A)

Let the length of the train be x metres.

The train covers x metres in 8 seconds and $(x + 180)$ metres in 20 seconds.

$$\Rightarrow \frac{x}{8} = \frac{(x + 180)}{20}$$

$$\Rightarrow 20x = 8(x + 180)$$

$$\Rightarrow x = 120$$

Thus, the length of the train is 120 metres.

Therefore,

$$\therefore \text{Speed of the train} = \frac{120}{8} \text{ m/sec}$$

$$= 15 \text{ m/sec}$$

$$= 54 \text{ km/hr}$$

Hence, this is the required result.

Solution for Questions 61 – 65:



61. **Answer:** (A)

Number of goals scored by Chelsea = 256

Total number of goals scored = 873

Percentage of goals scored by Chelsea =

$$\frac{256}{873} \times 100 = 29.32\%$$

62. **Answer:** (C)

Number of goals scored by Barca = 78

Total number of goals scored = 873

Angle corresponding to the goals scored by Barca

$$= \frac{78}{873} \times 360^\circ = 32^\circ$$

63. **Answer:** (B)

Total number of goals scored by Chelsea, Real Madrid and Barca = $256 + 126 + 78 = 460$

Total number of goals scored by Liverpool and Wolfsburg = $228 + 185 = 413$

Difference = $460 - 413 = 47$

64. **Answer:** (A)

Number of goals scored by Liverpool = 228

Number of goals scored by Real Madrid = 126

Total number of goals scored = 873

Measure of angle for the goals scored by Liverpool

$$= \frac{228}{873} \times 360^\circ = 94^\circ$$

Measure of angle for the goals scored by Real

$$\text{Madrid} = \frac{126}{873} \times 360^\circ = 52^\circ$$

Difference = $94 - 52 = 42^\circ$

65. **Answer:** (C)

Total number of goals scored by Wolfsburg = 185

Total number of goals scored by Real Madrid = 126

Difference = $185 - 126 = 59$

$$\text{Required percentage} = \frac{59}{126} \times 100 = 46.82\%$$

66. **Answer:** (B)

HELLO is written as SVOOL because all the letters are replaced by those in the reverse order of the English alphabet.

Opposite of S = H

Opposite of O = L

Opposite of L = O

Opposite of I = R

Opposite of D = W

67. **Answer:** (D)

Codes for each word are given below:

car – gamma

not – theata

is – alpha/phai

running – alpha/phai

bus – kappa

68. **Answer:** (D)

According to the question,

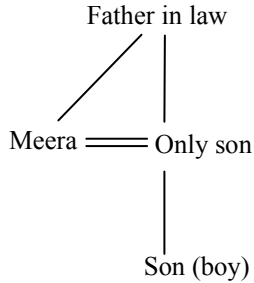
D is written as \$.

A is written as c.

R is written as &.

E is written as %.

69. **Answer:** (A)



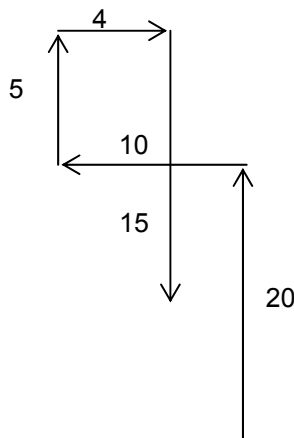
The boy is the son of Meera.

70. **Answer:** (A)

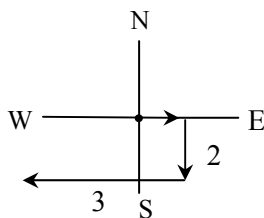
Megha is the daughter of the only son of Sumita's grandfather. Hence, it is clear that Megha is the sister of Sumita.

71. **Answer:** (D)

Finally, the boy is facing South.



72. **Answer:** (C)



Solution for Questions 73 – 77: Following is the arrangement: Suresh (Film Artist 073) - Mamta (Company Secretary 091) - Dheeraj (Doctor 084) - Yogesh (English 062)

73. **Answer:** (C)

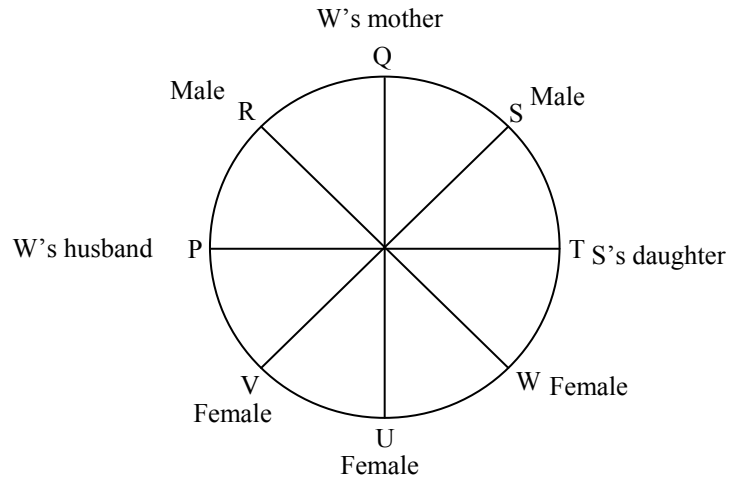
74. **Answer:** (D)

75. **Answer:** (A)

76. **Answer:** (D)

77. **Answer:** (A)

Solution for Questions 78 – 80:



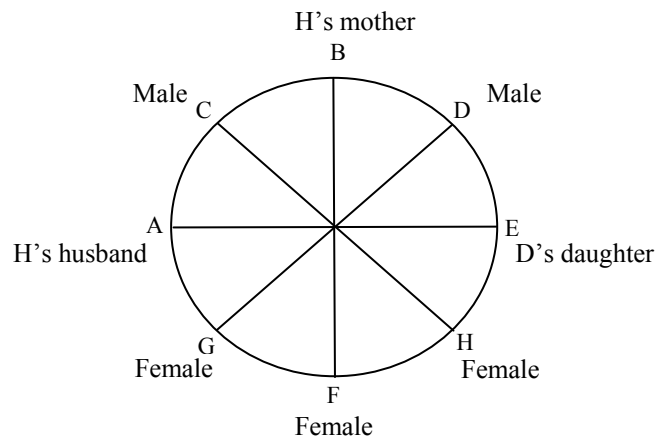
78. **Answer:** (D)

79. **Answer:** (C)

80. **Answer:** (A)

P is the father of U and V. V is the mother of R. R is the grandchild of P.

Solution for Questions 81 – 82:



81. **Answer:** (A)

A is the father of F and G. G is the mother of C.

82. **Answer:** (B)

Only C is a male; others are females.

83. **Answer:** (A)

E and G are neighbours and E is at the centre. B is at the same place as that of C and it is given that C is to the left of E, but not a neighbour. The correct order of boys from left to right is D, C, G, E, A, B, F.

84. **Answer:** (B)

The last statement says, F is third to right of E, who we know, is the middle boy. There are seven boys. Hence, F is at the right end. The correct order is D, C, G, E, A, B, F.

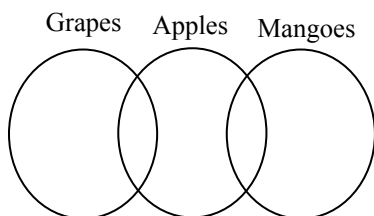
85. **Answer:** (B)
C is at the second place from the left side and is next to G. The correct order is D, C, G, E, A, B, F.

86. **Answer:** (D)
None of them is in between A and G. E is the correct answer as it is given that E and G are neighbours and A is next to B, who is at the right side of E. The correct order is D, C, G, E, A, B, F.

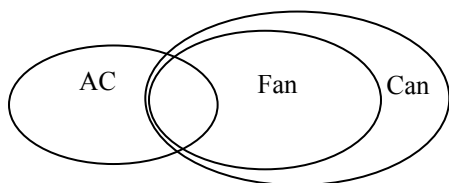
87. **Answer:** (C)
After following the given instructions, the correct order comes out to be D, C, G, E, A, B, F.
The 3 possible correct orders are as shown below.
Possibility 1: D C G E A B F
Possibility 2: D B A E G C F
Possibility 3: D C G E A B F.
Thus, option (C) is correct.

88. **Answer:** (E)
From statements (i) and (ii), all switches are connectors and all connectors are cables, it is implied that all switches are cables. Hence, I follows. From statement (ii), all connectors are cables, it is implied that some cables are connectors. Hence, II follows. Again from conclusion I, all switches are cables, it is implied that some cables are switches. Hence, III follows.

89. **Answer:** (D)



90. **Answer:** (B)
Conclusions II and III follow.



91. **Answer:** (B)
According to the given statement,
386 becomes 468.
874 becomes 947.
697 becomes 779.
469 becomes 596.
731 becomes 813.
Therefore, the largest number is 947.
Hence, option (B) is correct

92. **Answer:** (A)
The given numbers are:
386 874 697 469 731

After interchanging the first and the second digits,
836 784 967 649 371
After arranging the numbers in descending order,
967 836 784 649 371
697 386 874 469 731

93. **Answer:** (B)
Justification:
Position of Ambar from the left = $10 + 7 = 17^{\text{th}}$
Position of Gautam from the right = $5 + 6 = 11^{\text{th}}$
After interchanging positions, Ambar's position from the right will be Gautam's earlier position from the right, which was 11^{th} .
So, the total number of students in the class
 $\Rightarrow 23 + 10 + 1 = 34$

94. **Answer:** (A)
This set is not following the pattern. J, then next letter to the right is Q and then, skipping two letters towards left is G, but here it is given 6.

95. **Answer:** (E)
The series consists of skipping of letters in an arithmetic progression. M skips one letter and gives us O; O skips two letters and gives us R; R skips three letters and gives us V; V skips four letters and gives us A and so on. Similarly, G skips six letters and gives us N.

96. **Answer:** (A)
Statements: $P @ Q \rightarrow P \geq Q$
 $M \# N \rightarrow M \leq N$
 $N \& Q \rightarrow N < Q$
We get, $P \geq Q > N \geq M$

Conclusions:
I. $P \$ M \rightarrow P > M$ – True
II. $N \# P \rightarrow N \leq P$ – False

97. **Answer:** (D)
Statements:
 $D \& X \rightarrow D < X$
 $F @ Y \rightarrow F \geq Y$
 $D \$ F \rightarrow D > F$
We get, $Y \leq F < D < X$
Conclusions:
I. $X @ Y \rightarrow X \geq Y$ – False
II. $Y \# D \rightarrow Y \leq D$ – False

98. **Answer:** (E)
Statements:
 $M \& P \rightarrow M < P$
 $S \$ T \rightarrow S > T$
 $M @ T \rightarrow M \geq T$
We get, $P > M \geq T < S$
Conclusions:
I. $S \% M \rightarrow S = M$ – False
II. $T \& P \rightarrow T \leq P$ – True

99. **Answer:** (E)
Statements:
 $U \% V \rightarrow U = V$
 $X \$ W \rightarrow X > W$
 $U \& W \rightarrow U < W$
We get, $V = U < W < X$

Conclusions:

- I. $W \$ V \rightarrow W > V - \text{True}$
II. $U \& X \rightarrow U < X - \text{True}$

100. **Answer: (C)**

Statements:

- $G \$ H \rightarrow G > H$
 $J \# K \rightarrow J \leq K$

$$H \% K \rightarrow H = K$$

We get, $G > H = K \geq J$

Conclusions:

- I. $H \$ J \rightarrow H > J$
II. $J \% H \rightarrow J = H$

IBPS Clerical (Prelims) Mock Test – 7

1. (A)	2. (B)	3. (B)	4. (A)	5. (A)	6. (D)	7. (B)	8. (5)
9. (B)	10. (D)	11. (A)	12. (D)	13. (C)	14. (5)	15. (B)	16. (C)
17. (E)	18. (C)	19. (A)	20. (B)	21. (C)	22. (A)	23. (5)	24. (A)
25. (B)	26. (B)	27. (C)	28. (B)	29. (D)	30. (B)	31. (C)	32. (B)
33. (E)	34. (A)	35. (C)	36. (A)	37. (D)	38. (C)	39. (D)	40. (A)
41. (C)	42. (C)	43. (C)	44. (D)	45. (B)	46. (C)	47. (B)	48. (B)
49. (B)	50. (C)	51. (D)	52. (B)	53. (E)	54. (B)	55. (A)	56. (B)
57. (B)	58. (A)	59. (E)	60. (C)	61. (B)	62. (A)	63. (A)	64. (B)
65. (D)	66. (B)	67. (D)	68. (B)	69. (A)	70. (C)	71. (D)	72. (B)
73. (D)	74. (A)	75. (B)	76. (E)	77. (B)	78. (D)	79. (B)	80. (A)
81. (D)	82. (C)	83. (C)	84. (A)	85. (B)	86. (D)	87. (D)	88. (C)
89. (B)	90. (E)	91. (E)	92. (E)	93. (A)	94. (D)	95. (E)	96. (B)
97. (D)	98. (D)	99. (A)	100. (C)				

1. **Answer: (A)**
It is not true because all snakes are devoid of limbs. The passage says, 'Having no limbs, snakes cannot hold their preys.'
2. **Answer: (B)**
This is given in the passage, '...immobilise their preys with their venom to make consumption easier'.
3. **Answer: (B)**
The second line of the passage clearly mentions that snakes are devoid of limbs to hold their preys down to bite. Hence, they usually swallow them.
4. **Answer: (A)**
5. **Answer: (A)**
It is mentioned in the paragraph, 'Poisonous snakes sometimes do immobilise their preys with their venom to make consumption easier'.
6. **Answer: (D)**
It is clearly mentioned in the passage that 'humans are too large for snakes to gulp down (swallow) and that is why they can never make humans their prey to satiate their hunger'.
7. **Answer: (B)**
Here, 'myth' is used to refer to an untrue story. So, 'lie' is the correct answer.
8. **Answer: (E)**
Here, 'fatal' refers to 'deadly'.
9. **Answer: (B)**
Here, 'prevent' means to not let blood clot. So, 'cause' is the correct answer.
10. **Answer: (D)**
Here, 'harmful' means more dangerous. So, opposite will be 'safe'.
11. **Answer: (A)**
'Employed' is the word that best fits here as here, 'employed' means to hire masons and carpenters to do a professional work.
12. **Answer: (D)**
'Regularly' is the best option here as it denotes the frequency of the work.

13. **Answer: (C)**
Arrived is the correct answer here as it best introduces the entry of the monkeys into the story.
14. **Answer: (E)**
Sawing refers to the log being cut, which would be the task of the carpenter and is thus, correct.
15. **Answer: (B)**
Prevent is the correct option here as it tells what was done to save the half-cut log.

Solution for Questions 16 – 20:

Sentence 3 introduces the Emperor Akbar, so it should be the first line of the passage. Sentence 2 describes the kind of questions he asked, so it is the second line of the passage. Sentence 1 talks about the wisdom required to answer the questions mentioned in the previous sentence, so it is the third line of the passage. Sentence 5 describes Akbar's question on a particular day, so it is the fourth line of the passage. In sentence 4, the reaction of the courtiers to the question asked is given, so it is the fifth line of the passage. In sentence 6, the entry of Birbal is announced at that particular moment and it is the last line of the passage.

16. **Answer: (C)**
17. **Answer: (E)**
18. **Answer: (C)**
19. **Answer: (A)**
20. **Answer: (B)**
21. **Answer: (C)**
It should be 'claim' as the subject is plural (most people). 'Claims' is used with singular subject.
22. **Answer: (A)**
'Between' is used when there are only two entities.
23. **Answer: (E)**
There is no error in the sentence.
24. **Answer: (A)**
'Made' is the correct word as it is the past participle of 'make'. 'Maid' is a female servant.

25. **Answer:** (B)
'Freakishly' is the correct word, which means unusually here.
26. **Answer:** (B)
'Who' should be used with 'parents'; 'which' is not used for humans.
27. **Answer:** (C)
'Pushed' should be used in place of 'pulled'. 'Push' is to move something in a particular direction.
28. **Answer:** (B)
It should be – 'over a faulty product or service is' as swift response (singular) can be given to a faulty product (singular) or service (singular).
29. **Answer:** (D)
'Mankind' is the correct word; it is a collective noun.
30. **Answer:** (B)
As the sentence is in present tense, 'has' will be used instead of 'had'.
31. **Answer:** (C)

$$\sqrt{33124} \times \sqrt{2601} - (37)^2 = (32)^2 + (?)^2$$

$$(182 \times 51) - 1369 = 1024 + (?)^2$$

$$9282 - 1369 - 1024 = (?)^2$$

$$\Rightarrow (?)^2 = 6889$$

$$\Rightarrow ? = 83$$
32. **Answer:** (E)

$$18\% \text{ of } 450 - 75\% \text{ of } 96 = 18 \times 4.5 - \left(\frac{3}{4}\right) \times 96$$

$$= 81 - 72 = 9$$
33. **Answer:** (A)

$$3003 \times 88 - 12936 = 112 \times ?$$

$$264264 - 12936 = 112 \times ?$$

$$? = \frac{251328}{112} = 2244$$
34. **Answer:** (C)

$$\sqrt{12544} \times \sqrt{4225} - (63)^2 = (?) + (46)^2$$

$$= 112 \times 65 - 3969 = ? + 2116$$

$$= 3311 - 2116 = ?$$

$$= 1195$$
35. **Answer:** (B)

$$145 \times ? + 4 = 22479$$

$$145 \times ? = 22479 - 4$$

$$145 \times ? = 22475$$

$$? = \frac{22475}{145}$$

$$? = 155$$
36. **Answer:** (A)
Taking approximations,

$$\frac{7000}{70} \times 95 = ? \times 20$$

$$\frac{9500}{20} = ?$$

$$? = 475$$
37. **Answer:** (D)
- 89.988% of 699.9 + 50.002% of 999.99 – 170.015 = ?
Taking approximations, we get $0.9 \times 700 + 0.5 \times 1000 - 170 = 630 + 500 - 170 = 960$
38. **Answer:** (C)

$$\frac{150}{17} \times \frac{199}{13} \div \frac{16}{91} = ? \quad \frac{150}{17} \times \frac{199}{13} \div \frac{91}{16}$$

$$\frac{150 \times 199 \times 7}{17 \times 16} = ?$$
By approximation,

$$\frac{150 \times 200 \times 7}{17 \times 16} = ?$$

$$\frac{75 \times 25 \times 7}{17} = ?$$

$$\frac{13125}{17} = ?$$

$$772.05 = ?$$
By approximation, $? \approx 770$
39. **Answer:** (D)

$$(560 + 321) \times (720 - 699) / 16 = ?$$

$$881 \times 21 / 16 = ?$$

$$? = 1156.3125$$

$$? = 1156$$
40. **Answer:** (A)

$$12\frac{2}{3} \times 2\frac{1}{6} + 5\frac{1}{3} = 9\frac{7}{18} + ?$$

$$\frac{494}{18} + \frac{96}{18} = \frac{169}{18} + ?$$

$$\frac{590}{18} - \frac{169}{18} = ?$$

$$\frac{421}{18} = ?$$

$$23\frac{7}{18} = ?$$
41. **Answer:** (C)

$$22 + (4 \times 1) = 26$$

$$26 + (4 \times 3) = 38$$

$$38 + (4 \times 5) = 58$$

$$58 + (4 \times 7) = 86$$

$$86 + (4 \times 9) = 122$$
42. **Answer:** (C)

$$3 \times 13 - 1 = 38$$

$$38 \times 11 - 1 = 417$$

$$417 \times 9 - 1 = 3752$$

$$3752 \times 7 - 1 = 26263$$

$$26263 \times 5 - 1 = 131314$$
43. **Answer:** (C)
It consists of two series:
Series 1: 4000 ? 40
Series 2: 800 80 8
The rule applied is 'divide by 10'.
So, 4000 divided by 10 gives 400.
44. **Answer:** (D)
The first and last digits are the same and increasing by 1.

Middle digits in the series, i.e. 2, 3, 5, 8, 12..... follow the following pattern:
 $2 + 1 = 3$, $3 + 2 = 5$, $5 + 3 = 8$, $8 + 4 = 12$, $12 + 5 = 17$ and so on.
 Therefore, the required next term in the series is 6176.

45. **Answer:** (B)

This is a decreasing sequence with differences of $-18, -20, -22, -24$.

So, the missing number is $90 - 22 = 68$.

46. **Answer:** (C)

Let the 2 numbers be x and y .

According to question,

$$\frac{9}{11}x = \frac{3}{7}y$$

$$x : y :: 11 : 21$$

47. **Answer:** (B)

Let the total volume of vessel = ' x ' litres

Initially, the % of spirit in the mixture = 18%

After the replacement of 8 litres of mixture with water, its % = 15%

$$0.18x - 8 \times \frac{18}{100} = 0.15x$$

$$0.03x = 1.44$$

$$x = 48 \text{ litres}$$

Alternative:

Apply the rule of alligation,

$$\frac{W}{S} = \frac{18-15}{15-0} = \frac{3}{15} = \frac{1}{5}$$

Water is 8 litres, so spirit is 40 litres and total mixture is 48 litres.

48. **Answer:** (B)

Let Rex have z cars and Jagan have $(30 - z)$ cars.

Price of Jagan's cars = Rs. y

Price of Rex's cars = Rs. x

$$xz = y(30 - z) \quad \dots (1)$$

$$\text{and } x(30 - z) = 32$$

$$x = \frac{32}{(30 - z)} \quad \dots (2)$$

$$zy = 24.5$$

$$y = \frac{24.5}{z} \quad \dots (3)$$

Putting the values of x and y in equation 1, we get

$$\frac{32}{30 - z} \cdot z = \frac{24.5}{z} (30 - z)$$

On solving, we get

$$z^2 + 196z - 2940 = 0$$

Using quadratic formula,

$$z = 14 \text{ or } -210$$

$$\therefore z = 14 \text{ (neglecting negative value)}$$

$$\therefore \text{Price of Rex's cars} = \text{Rs. } 2.0 \text{ lakh}$$

49. **Answer:** (B)

We know that

$$A = P \left(1 + \frac{r}{100} \right)^n$$

$$6050 = p \left(1 + \frac{r}{100} \right)^2 \quad \dots \dots \dots (A)$$

$$6655 = p \left(1 + \frac{r}{100} \right)^3 \quad \dots \dots \dots (B)$$

$$\frac{6050}{6655} = \frac{1}{1 + \frac{r}{100}}$$

On solving, we get

$$r = 10\%$$

Putting the value of r in equation (A), we get

$$p = \text{Rs. } 5000$$

50. **Answer:** (C)

Let the marked price be x .

Let the sale of products be y .

Total sale = xy

$$\frac{\left(x - \frac{x}{4} \right) \left(y + \frac{y}{5} \right) - xy}{xy} \times 100$$

$$\frac{\left(\frac{3}{4} \right) \left(\frac{6}{5} \right) xy - xy}{xy} \times 100 = \frac{\frac{3}{4} \times \frac{6}{5} - 1}{1} \times 100$$

$$= 10\% \text{ decrease}$$

51. **Answer:** (D)

Let ' x ' be the number.

$$1.21x < 605x < \frac{605}{1.21}$$

$$\Rightarrow x < 500$$

$$\therefore \text{Highest value} = 499$$

52. **Answer:** (B)

Total runs scored by Virat Kohli in his last 25 innings = $52.36 \times 25 = 1309$ runs

Error made by statistic man = $42 - 24 = 18$ runs

Actual total runs scored by Virat Kohli in his last 25 innings = $1309 - 18 = 1291$

Actual average = $1291 \div 25 = 51.64$

53. **Answer:** (E)

Let time taken by A = x days

Let time taken by B = y days

$$30 \times \frac{1}{50} + 30 \times \frac{1}{x} = 1$$

$x = 75$ days; x is the time taken by A alone to do the work.

$$\text{Also, } \frac{1}{x} + \frac{1}{y} = \frac{1}{50}$$

$\Rightarrow y = 150$ days; y is the time taken by B alone to do the work.

54. **Answer:** (B)

$$(B + C)'s \text{ one day's work} = \frac{1}{8}$$

$$(A + B)'s \text{ one day's work} = \frac{1}{12}$$

$$(A + C)\text{'s one day's work} = \frac{1}{16}$$

$$(A + B + C)\text{'s two days' work} =$$

$$\frac{1}{8} + \frac{1}{12} + \frac{1}{16} = \frac{6+4+3}{48} = \frac{13}{48}$$

$$(A + B + C)\text{'s one day's work} = \frac{1}{2} \times \frac{13}{48} = \frac{13}{96}$$

$$\Rightarrow (A + B + C) \text{ can complete the work in } \frac{96}{13}, \text{ i.e.}$$

$$7\frac{5}{13} \text{ days.}$$

55. **Answer:** (A)

Tank can be filled by all the three pipes in one

$$\text{hour} = \frac{1}{15} + \frac{1}{20} - \frac{1}{25} = \frac{23}{300}$$

Tank can be filled by all the three pipes in 10

$$\text{hours} = \frac{23}{30}$$

$$\text{Part of tank which is not filled} = \frac{7}{30}$$

This work is done by A and B working together.

A and B's one hour work = 35/300

$$\text{Thus, time taken to fill the cistern} = \frac{7}{30} \times \frac{300}{35} = 2$$

hours

56. **Answer:** (B)

Let inlet flow be x and outlet flow be y.

Then,

$$\frac{1}{x} - \frac{1}{y} = \frac{1}{5} \quad \dots\dots\text{(A)}$$

$$\frac{1}{x} - \frac{2}{y} < 0 \quad \dots\dots\text{(B)}$$

Solving the above two equations, we get

$$\frac{1}{y} > \frac{1}{5}$$

So, the outflow rate should be more than 5.

Only option (B) fulfils it.

57. **Answer:** (B)

Let total distance be x km.

$$\text{Then, } \frac{x}{25} + \frac{x}{4} = 5 \frac{4}{5} = \frac{29}{5}$$

$$\frac{29x}{100} = \frac{29}{5}$$

$$x = 20 \text{ km}$$

58. **Answer:** (A)

Total distance to be covered = 250 m + 200 m = 450 m

Relative speed = 36 + 72 = 108 km/hr = 30 m/s

Time taken = 15 sec

59. **Answer:** (E)

The average speed of a body can never be double or more than any of the individual speeds.

So, the average speed cannot be 120 mph.

60. **Answer:** (C)

Let P be the speed of boat P and Q be that of boat Q.

Let s be the speed of stream.

We have,

$$P - s = 40/10 = 4 \text{ and } P + s = \frac{40}{5} = 8$$

On solving, we get

$$P = 6 \text{ and } s = 2$$

$$\text{Again, } Q - s = \frac{30}{5} = 6$$

Since s = 2, Q = 8 km/hr

Therefore, downstream speed of Q = 2 + 8 = 10 km/hr

$$\text{Hence, time taken} = \frac{30}{10+4} = \frac{30}{14} = \frac{15}{7} \text{ hrs}$$

= 2 hrs 8 min

Time = 12:08 p.m.

61. **Answer:** (B)

$$\text{Average distance} = \frac{(25+14+12+78+92+74)}{6}$$

$$= 49.1$$

62. **Answer:** (A)

$$\text{Speed of truck S on Friday} = \frac{\text{Distance}}{\text{Speed}}$$

$$\frac{92}{8}$$

$$= 11.5 \text{ km/hr}$$

63. **Answer:** (A)

Distance travelled by truck P on Monday = 40

Speed = 19.2 kmph [given]

$$\text{Time taken by truck P} = \frac{40}{19.2} = 2.08$$

64. **Answer:** (B)

The speeds of both the trucks are the same.

Therefore, the distance will be the time taken.

Distance travelled by truck R = 80

Distance travelled by truck T = 18

Time taken by both the trucks = 80 : 18

65. **Answer:** (D)

$$\text{Total distance covered on Saturday} = [92 + 84 + 60 + 74 + 80 + 42] = 432$$

66. **Answer:** (B)

Each letter in the code represents a letter that figures four places earlier in the English alphabet (G for C, E for A).

67. **Answer:** (D)

It is given that:

always create new ideas = ba ri sha gi

ideas and new thoughts = fa gi ma ri

create thoughts and insights = ma jo ba fa

new and better solution = ki ri to fa

From all these sentences and codes, it is found that

and = fa, thoughts = ma, new = ri, ideas = gi,

create = ba, always = sha, insights = jo and

better/solution = ki/to
So, 'fa' stands for 'and'.

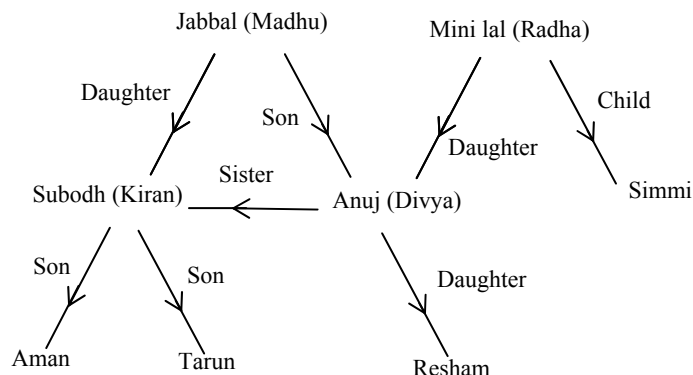
68. **Answer:** (B)

From all these sentences and codes, it is found that
and = fa, thoughts = ma, new = ri, ideas = gi,
create = ba, always = sha, insights = jo and
better/solution = ki/to

So, 'fa' stands for 'and'.

For 'solution better', the code should have ki and
to, and for 'your', there should be a new code. So,
option 'B' will be the appropriate answer.

Solution for Questions 69 – 71:



69. **Answer:** (A)

Relationship between Aman and Resham:
Aman's mother is the sister of Resham's father.
Hence, Aman and Resham are cousins.

70. **Answer:** (C)

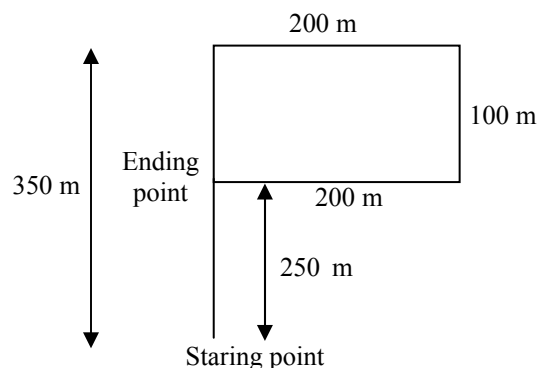
Subodh is married to Jabbal's daughter. Subodh is
the son-in-law of Jabbal.

71. **Answer:** (D)

As Kiran is sister of Divya's husband, so they are
sisters-in-law.

72. **Answer:** (B)

Sol: From the figure, it is clear that he is standing
250 m from the starting point.



Solution for Questions 73 – 77:

Day	Flights
Monday	British Airways
Tuesday	Air India

Wednesday	Delta
Thursday	Emirates
Friday	Jet Airways
Saturday	Quantas
Sunday	Lufthansa

73. **Answer:** (D)

74. **Answer:** (A)

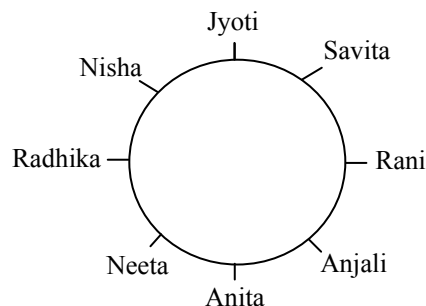
There are three flights that fly between Delta and
Lufthansa, namely Emirates, Jet Airways and
Quantas.

75. **Answer:** (B)

76. **Answer:** (E)

77. **Answer:** (B)

Solution for Questions 78 – 82:



78. **Answer:** (D)

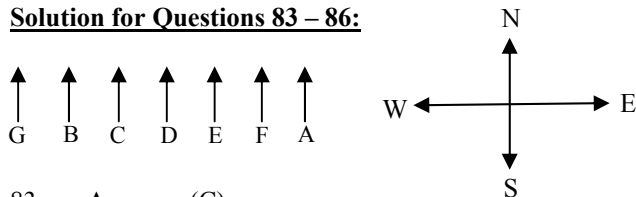
79. **Answer:** (B)

80. **Answer:** (A)

81. **Answer:** (D)

82. **Answer:** (C)

Solution for Questions 83 – 86:



83. **Answer:** (C)

G and B are seated to the left of C.

84. **Answer:** (A)

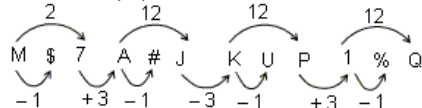
85. **Answer:** (B)

C and G are the immediate neighbours of B

86. **Answer:** (D)

A is seated at the extreme right.

87. **Answer:** (D)



88. **Answer:** (C)

T # A, J @ U

89. **Answer:** (B)

90. **Answer:** (E)

There are a total of 33 elements. If the positions of
25 elements from the right end are reversed, the
eight elements from the left end will remain
unchanged. Now, 16th element from the left end

would be $(16 - 8) = 8$ th element from the right end in the original sequence, i.e. 5.

91. **Answer:** (E)

Both statements are required to find the exact date.

92. **Answer:** (E)

Both using both statements I and II, we get the following arrangement:

1 2 3 4 5 6
A → C → F → B → E → D

Therefore, D is the last to read the book.

93. **Answer:** (A)

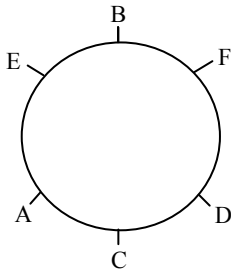
From statement I, Bharat is facing towards West.

94. **Answer:** (D)

As there is no information about the children of Bhavuk, so from the above two statements, we are unable to find the answer of the question. So, the correct option is (D).

95. **Answer:** (E)

By using the above two statements, the following arrangement is obtained:



96. **Answer:** (B)

$H @ K$, $K \% D$, $D \$ B$

$H \leq K$

$K \leq D$

$D \$ B$ means D is neither smaller than nor greater than B, i.e. $D = B$.

Conclusions:

I. $H \leq B$ (Cannot say)

II. $K \geq B$ (True)

97. **Answer:** (D)

$M \% F$ means M is not smaller than F, i.e. $M \geq F$.

$F \odot R$ means F is neither greater than nor equal to R, i.e. $F < R$.

$R * K$ means R is neither smaller than nor equal to K, i.e. $R > K$.

Conclusions:

I. $K \odot F$ means $K < F$.

II. $M * R$ means $M > R$.

So, both the conclusions are not true.

98. **Answer:** (D)

$A * F$ means A is neither smaller than nor equal to F, i.e. $A > F$.

$H \leq F$

$M < H$

$A > F \geq H > M$

Conclusions:

I. $M < F$

II. $A > H$

So, both the conclusions are true.

99. **Answer:** (A)

$R \odot M$ means R is neither greater than nor equal to M, i.e. $R < M$.

$M * W$ means M is neither smaller than nor equal to W, i.e. $M > W$.

$T @ W$ means T is not greater than W, i.e. $T \leq W$.

Conclusions:

I. $T \odot M$ means T is neither greater than nor equal to M is true.

II. $T \odot R$ means T is neither greater than nor equal to R, which may or may not be true.

100. **Answer:** (C)

$J \odot K$, $J < K$

$K @ D$, $K \leq D$

$D \$ F$, $D = F$

$F = D \geq K > J$

Conclusions:

I. $F > K$

II. $F = K$

Either (I) or (II) can be true.

IBPS Clerical (Prelims) Mock Test – 8

1. (A)	2. (D)	3. (C)	4. (D)	5. (B)	6. (A)	7. (D)	8. (C)
9. (D)	10. (A)	11. (D)	12. (A)	13. (D)	14. (B)	15. (C)	16. (5)
17. (C)	18. (B)	19. (A)	20. (5)	21. (C)	22. (C)	23. (5)	24. (C)
25. (C)	26. (C)	27. (5)	28. (A)	29. (C)	30. (C)	31. (A)	32. (C)
33. (A)	34. (A)	35. (A)	36. (A)	37. (E)	38. (E)	39. (C)	40. (E)
41. (D)	42. (B)	43. (C)	44. (A)	45. (A)	46. (C)	47. (B)	48. (C)
49. (D)	50. (D)	51. (B)	52. (B)	53. (B)	54. (D)	55. (C)	56. (C)
57. (A)	58. (C)	59. (C)	60. (D)	61. (E)	62. (D)	63. (E)	64. (B)
65. (A)	66. (B)	67. (C)	68. (C)	69. (B)	70. (A)	71. (A)	72. (B)
73. (A)	74. (D)	75. (D)	76. (C)	77. (B)	78. (A)	79. (E)	80. (B)
81. (E)	82. (B)	83. (B)	84. (B)	85. (A)	86. (C)	87. (E)	88. (D)
89. (A)	90. (E)	91. (E)	92. (D)	93. (E)	94. (E)	95. (A)	96. (B)
97. (C)	98. (E)	99. (C)	100. (A)				

1. **Answer: (A)**
It is mentioned in the 1st paragraph that how author's work became his priority and replaced the other areas of his life.
2. **Answer: (D)**
The line '...there should be some tangible return in whatever we invest, after all' explains the answer.
3. **Answer: (C)**
It is the main concern of the author. 'You would lose at least half an hour searching for a parking space in the downtown'.
4. **Answer: (D)**
It is mentioned in the 2nd line of the 4th paragraph. 'I wanted to rehearse my presentation before I meet senior management.'
5. **Answer: (B)**
'...many such times' in the passage makes it clear that the author's talking about many other occasions like this.
6. **Answer: (A)**
'Strategy' refers to business planning here.
7. **Answer: (D)**
'Transformed' means completely changed.
8. **Answer: (C)**
'Respite' means relief or break here.
9. **Answer: (D)**
'Quiet' means 'silent' and 'noisy' is opposite to it.
10. **Answer: (A)**
'Necessary' means needed, while 'unwanted' refers to useless.
11. **Answer: (D)**
Other options do not fit in the context here. Only sincerity of the worship can be a valid reason for an offer by the goddess.
12. **Answer: (A)**
Boon refers to a blessing by a deity. So, it is the correct answer.
13. **Answer: (D)**

Invisible is the correct answer as it is mentioned in the sentence, 'No one should be able to see me'.

14. **Answer: (B)**
'Should be able' is the correct phrase here. Option 1 is incorrect as Meghnad is asking for something. Other options are grammatically incorrect.
15. **Answer: (C)**
Here, please refers to desire or wish. It best fits the context. Options A, D and E do not make any sense here.

Solution for Questions 16 – 20:

1. 1 introduces 'a raft' and opens the story with 'once upon a time'.
2. 3 introduces 'the three people' and describes 'the raft'.
3. 'Their arrival' in 2 refers to 'the three people'.
4. 'On questioning them' in 4 follows 'taken to the king' in B.
5. 6 logically follows 4 as the king further questioned the three men.
6. 5 presents the reaction of the first man on being asked by the king.
Thus, the correct sequence is 132465.
16. **Answer: (E)**
17. **Answer: (C)**
18. **Answer: (B)**
19. **Answer: (A)**
20. **Answer: (E)**
21. **Answer: (C)**
'One of the' is always followed by a plural noun. So, the correct usage would be 'days' instead of 'day'.
22. **Answer: (C)**
Error of parallelism. Other activities are in 'ing' form and before 'cricket', we have the infinitive form. To remove the error, we need to replace 'to play' with 'playing'.

23. **Answer:** (E)
The sentence is completely correct grammatically.
24. **Answer:** (C)
Replace 'disagree to' with 'disagree about/on/over'. The last part is a prepositional phrase. So, any of the prepositions about/on/over can be used interchangeably.
25. **Answer:** (C)
replace 'but' with 'or' - as a choice is being highlighted - either one powder can be used or more than one can be used.
26. **Answer:** (C)
Option 3 is the correct answer. 'Not only-but also' are correlative conjunctions which always appear together.
27. **Answer:** (E)
Option E is the correct answer. The given sentence is correct and no correction is required.
28. **Answer:** (A)
Option (A) is the correct answer. The present tense is required here. 'Were not laid' should be replaced by 'are not laid' as the sentence refers to a general belief which will always hold true and the simple present tense is required in such statements.
29. **Answer:** (C)
Option 3 is correct. The given words 'does solve' should be replaced by 'did solve' as the primary clause is in the past tense and the subordinate clause should also be in the past tense for the tenses to agree.
30. **Answer:** (C)
Option 3 is correct here as the given word 'receive' should be replaced by 'receives' as when the conjunction 'as well as' is used in the sentence, the number of the verb is according to the first subject.
31. **Answer:** (A)

$$6\sqrt{7} \times 4\sqrt{7} - (6)^2 = ?$$

$$24 \times 7 - 36$$

$$168 - 36 = 132$$
32. **Answer:** (C)

$$3.15\% \text{ of } 1200.8 + 6.04\% \text{ of } 800.36 = ?$$

$$= 37.8252 + 48.3417$$

$$= 86.1669$$
33. **Answer:** (A)

$$8\frac{1}{3} \times 4\frac{2}{5} + x = 44\frac{2}{5}$$

$$\frac{25}{3} \times \frac{22}{5} - \frac{222}{5} = -x$$

$$\text{Or } -x = \frac{110}{3} - \frac{222}{5}$$

$$= -\frac{116}{15} \text{ or } x = 7\frac{11}{15}$$

Hence, option (A) is correct.

34. **Answer:** (A)
20% of 4560 = 912

65% of 7800 = 5070
5982 is the answer.

35. **Answer:** (A)

$$[(6\sqrt{8} + \sqrt{8}) \times (5\sqrt{8} + 9\sqrt{8})] + (32)^2 = ?$$

$$? = (7\sqrt{8} \times 14\sqrt{8}) + 1024$$

$$? = 784 + 1024 = 1808$$

36. **Answer:** (A)

$$35x + 70 = 0$$

$$x = -2$$

$$\text{And } 3y + 7 = 0$$

$$y = -\frac{7}{3}$$

Therefore, correct option is (A).

37. **Answer:** (E)

$$8x^2 + 6x - 5 = 0$$

$$8x^2 + 10x - 4x - 5 = 0$$

On solving the equations, we get

$$x = 1 \text{ and } \frac{-5}{4}$$

$$12y^2 - 22y + 8 = 0$$

$$12y^2 - 16y - 6y + 8 = 0$$

$$4y(3y - 4) - 2(3y - 4) = 0$$

$$(4y - 2)(3y - 4) = 0$$

On solving, we get

$$y = \frac{1}{2} \text{ and } \frac{4}{3}$$

38. **Answer:** (E)

$$y = -5 \text{ or } 4.3 \text{ and } x = \pm\sqrt{18} = 4.24 \text{ or } -4.24.$$

We are not getting any relation between x and y.

39. **Answer:** (C)

$$zx - 1 = 0.0005 \Rightarrow zx = 1.0005$$

Case - I: $z > 0 \Rightarrow x > 0$

Equation (i) $y = z + x = \frac{1.0005}{x} + x \Rightarrow y > x$

Case - II: $z < 0, \Rightarrow x < 0$, Equation (B) $y =$

$$z + x = \frac{1.0005}{x} - x \Rightarrow y > x$$

From (I) and (II), $y > x$

40. **Answer:** (E)

Assume that the number of employed persons in the society is $3x$ while the number of unemployed persons is $2x$.

Therefore, number of persons who don't have a car,

$$(80\% \text{ of } 3x) + (75\% \text{ of } 2x) =$$

$$\left(\frac{80}{100} \times 3x\right) + \left(\frac{75}{100} \times 2x\right) = \frac{39x}{10}$$

Therefore, required percentage is,

$$\left(\frac{39x}{10} \times \frac{1}{5x} \times 100\right)\% = 78\%$$

41. **Answer:** (D)

This is a decreasing series with difference pattern of:

$$1^3, 2^3, 3^3, 4^3, 5^3, \dots$$

∴ The required missing term is $1000 - 2^3 = 992$.

42. **Answer:** (B)

Clearly, the given pattern of this series is $3/7 + 3/4 = 33/28$, $33/28 + 3/4 = 54/28$, $54/28 + 3/4 = 75/28$, $75/28 + 3/4 = 96/28$, and so on. So, the next term of the series is: $96/28 + 3/4 = 117/28$.

43. **Answer:** (C)

$$18 - 10 = 8 = 2^3$$

$$34 - 18 = 16 = 2^4$$

$$? - 34 = 32 = 2^5$$

Therefore, missing term = $32 + 34 = 66$

$$130 - 66 = 64 = 2^6$$

$$258 - 130 = 128 = 2^7$$

44. **Answer:** (A)

$$12 \times 1 = 12$$

$$12 \times 3.5 = 42$$

$$42 \times 6 = 252$$

$$252 \times 8.5 = 2142$$

$$2142 \times 11 = 23652$$

$$(x1, x3.5, x6, x8.5, x11)$$

45. **Answer:** (A)

This is an alternating subtraction series with the interpolation of a random number 7 as every third number. In the subtraction series, 3.5 is subtracted to get the next term in the series.

46. **Answer:** (C)

Let x kg of metal X be added.

$$\text{Weight of metal X in the 1st alloy} = \frac{6}{11} \times 11 \text{ kg} =$$

$$6 \text{ kg}$$

$$\text{Weight of metal X in the 2nd alloy} = \frac{7}{20} \times 20 \text{ kg} =$$

$$7 \text{ kg}$$

$$\text{Total weight of the new alloy} = (11 + 20 + x) \text{ kg}$$

$$\text{Total weight of metal X in the new alloy} =$$

$$(6 + 7 + x) \text{ kg}$$

$$\Rightarrow \frac{(6 + 7 + x)}{(11 + 20 + x)} = \frac{60}{100} \times x = 14$$

47. **Answer:** (B)

Let initially there be 7 litres of mixture.

Amount of water = 2 litres

Amount of alcohol = 5 litres

Let x litres of mixture be replaced with water.

Quantity of water in 7 litres of mixture = 2 litres

Therefore,

$$\text{Quantity of water in x litres of mixture} = \frac{2x}{7} \text{ litres}$$

$$\text{Quantity of alcohol in 7 litres of mixture} = 5 \text{ litres}$$

Therefore,

$$\text{Quantity of alcohol in x litres of mixture} = \frac{5x}{7}$$

litres

Quantity of water in new mixture is

$$\Rightarrow \left(2 - \frac{2x}{7} + x \right)$$

Quantity of alcohol in new mixture is

$$\Rightarrow \left(5 - \frac{5x}{7} \right)$$

According to the question, the new mixture contains water and alcohol in equal parts,

$$\left(5 - \frac{5x}{7} \right) = 1$$

$$2 - \frac{2x}{7} + x = 1$$

$$5 - \frac{5x}{7} = 2 + \frac{5x}{7}$$

$$3 = \frac{10x}{7}$$

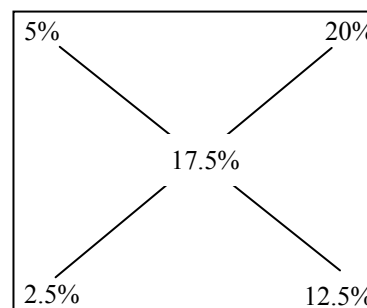
$$x = 2.1 \text{ litres}$$

Hence, it is the required result.

48. **Answer:** (C)

Apply the rule of alligation:

$$\text{CP of the dog} = \frac{5}{6} \times 4500 = \text{Rs. } 3750$$



49. **Answer:** (D)

Let Rs. P be the annual payment.

So, 800 =

$$\left[P + \left(P + \frac{10P}{100} \right) + \left(P + \frac{20P}{100} \right) + \left(P + \frac{30P}{100} \right) \right]$$

$$800 = 4P + \frac{6P}{10}$$

$$800 = \frac{46P}{10}$$

$$P = \text{Rs. } 174$$

50. **Answer:** (D)

Percentage increase (R1) = 10%; n = 2

Percentage decrease (R2) = 10%; n = 2

Population 4 years ago = 100000

$$\text{Population after 4 years} = 100000 \left(1 + \frac{10}{100} \right)^2$$

$$\left(1 - \frac{10}{100} \right)^2$$

$$\text{Population} = 100000 \times \frac{110}{100} \times \frac{110}{100} \times \frac{90}{100} \times \frac{90}{100} = 98,010$$

51. **Answer:** (B)

If the boy had not been born, the average age of the family would be 35 years.
So, total age of 4 members of the family = $35 \times 4 = 140$
But now, it is $140 + 5$ and there are 5 members in the family now.

$$\text{So, average age} = \frac{145}{5} = 29 \text{ years}$$

52. **Answer:** (B)

Let a, b and c be the three numbers.

$$a + b + c = 3x$$

$$b = 9 + a \text{ and } c = x + 5$$

$$\Rightarrow 2a + 14 = 2x$$

$$\therefore x - a = 7$$

53. **Answer:** (B)

$$\text{Time utilised in a day} = 4 + 0.5 + 0.25 = 4.75$$

Now, comparing men and days, we get

$$4.75x = 19 \times 6$$

$$x = 24 \text{ days}$$

54. **Answer:** (D)

Let 8 men do x work on first day.

$$\text{Total work done} = 8(x + 2x + 3x + 4x + 5x + 6x + 7x + 8x + 9x + 10x) = 440x$$

To do the same 440x work in 4 days, let n men be required.

$$\text{So, } n(x + 2x + 3x + 4x) = 440x$$

$$\Rightarrow n = 44$$

55. **Answer:** (C)

Do not get confused by the distractions given in the problem. 10 men and 10 days mean 100 man-days are required to clean 10 floors.

This means that 1 floor requires 10 man-days.

Hence, 8 floors will require 80 man-days to clean.

Therefore, 10 days are required to clean 8 floors.

56. **Answer:** (C)

Let the number of emptying pipes be x and y be the number of filling pipes. According to the problem,

$$x + y = 6 \quad \dots (A)$$

$$\text{And } 18y/18 - 18x/12 = 1 \quad \dots (B)$$

$$\text{From (B), } 12y - 18x = 12$$

$$\text{Or } 2y - 3x = 2 \quad \dots (C)$$

From (A) and (C), we get

$$5x = 10 \Rightarrow x = 2$$

The answer is 2 pipes, i.e. option (C).

57. **Answer:** (A)

Let the length of the train be x metres.

Train covers x metres in 4 seconds and (x + 160) metres in 20 seconds.

$$\frac{x}{4} = \frac{x + 160}{20}$$

$$20x = 4x + 640$$

$$16x = 640$$

$$x = 40 \text{ metres}$$

Length of the train (x) = 40 metres

$$\text{Speed of the train} = \frac{40}{4} = 10 \text{ m/sec}$$

58. **Answer:** (C)

Average speed

$$= \frac{2V_1V_2}{(V_2 + V_1)} = \frac{2 \times 24 \times 36}{24 + 36} = \frac{2 \times 24 \times 36}{60} = \frac{288}{10} =$$

$$28.8 \text{ km/hr}$$

59. **Answer:** (C)

Let us first calculate the time Saurav and Sachin take to cover one full circle.

$$\text{Time taken by Saurav} = \frac{500}{8 \times \frac{5}{18}} = \frac{1800}{8} = 225$$

seconds

$$\text{Time take by Sachin} = \frac{500}{\left(5 \times \frac{5}{18}\right)} = 360 \text{ seconds}$$

Hence, after every 225 seconds, Saurav would be at the starting point and after every 360 seconds, Sachin would be at the starting point. The time when they will be together again at the starting point simultaneously for the first time would be the smallest multiple of both 225 and 360, which is the LCM of 225 and 360.

Hence, they would both be together at the starting point for the first time after LCM (225, 360) = 1800 seconds = 0.5 hour.

Thus, every half an hour, they would meet at the starting point.

60. **Answer:** (D)

$$\text{Let } w + r = 1\frac{1}{2} \text{ hours} = 1.5 \text{ hours} = 90 \text{ minutes}$$

$$2w + 2r = 180 \text{ minutes} \quad \dots (A)$$

{where w = walking time, r = riding time}

$$\text{Also, } 2r = 30 \text{ minutes} \quad \dots (B)$$

(A) - (B):

$$2w = 150 \text{ minutes} = 2 \text{ hours } 30 \text{ minutes} = 2.5 \text{ hours}$$

61. **Answer:** (E)

Number of three star hotels:

$$\text{In } 2006 - 289$$

$$\text{In } 2007 - 156$$

$$289 - 156 = 133$$

So, there is a decrease in three star hotels in 2007 by 133.

Thus, the number of three star hotels has decreased by 133.

62. **Answer:** (D)

$$\text{Required \%} = \frac{56}{318} \times 100 \approx 18\%$$

63. **Answer:** (E)

% decrease in total number of hotels classified by

$$\text{DoT in 2007 w.r.t. 2006} = \frac{1147 - 1125}{1147} \times 100$$

$$= 1.9\%$$

64. **Answer:** (B)

Percentage increase in the number of heritage

$$\text{hotels in 2007} = \frac{82 - 36}{56} \times 100 = 46\% \text{ (approx.)}$$

65. **Answer:** (A)

Percentage increase = (Number of hotels listed at the end of 2007 - Number of hotels listed at the end of 2006) * 100 / Number of hotels listed at end of 2006

Percentage increase is more than 50% in the case of no hotel as all hotels have their numbers increasing by less than 50%.

66. **Answer:** (B)

(A) 'how can you go' – ja da ka pa

(B) 'can you come here' – na ka sa ja

(C) 'come and go' – ra pa sa

ja and ka is common in (A) and (B).

come → sa

go → pa

here → na

67. **Answer:** (C)

A (1) B (2) C (3) D (4) E (5) F (6) G (7) H (8) I (9) J (10) K (11) L (12) M (13) N (14) O (15) P (16) Q (17) R (18) S (19) T (20) U (21) V (22) W (23) X (24) Y (25) Z (26)

$$S + 5 = X$$

$$P + 4 = T$$

$$A + 3 = D$$

$$C + 2 = E$$

$$E + 1 = F$$

$$O + 5 = T$$

$$R + 4 = V$$

$$D + 3 = G$$

$$E + 2 = G$$

$$R + 1 = S$$

68. **Answer:** (C)

ST and SP

69. **Answer:** (B)

Case 1:

Grandmother

Father - lady (daughter-in-law)

Girl, son

Case 2:

Grandmother

Father, father's brother – lady (daughter-in-law)

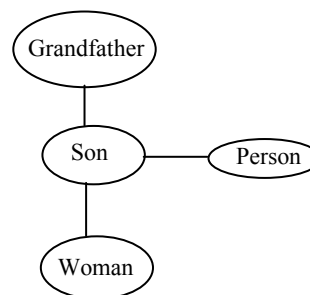
Girl, son

In case 1, lady is the mother of the girl.

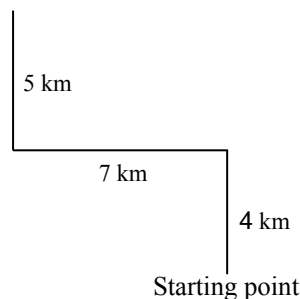
In case 2, lady is the aunt of the girl.

70. **Answer:** (A)

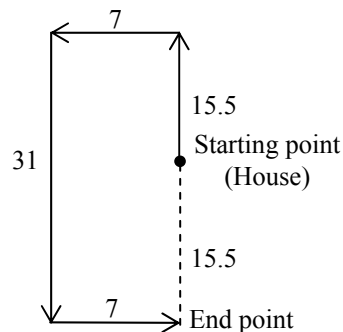
From the picture, the woman is the niece of the person.



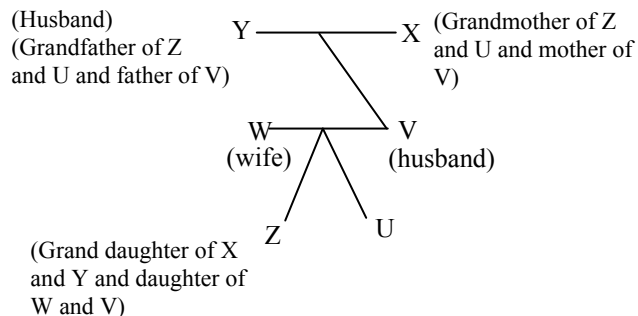
71. **Answer:** (A)



72. **Answer:** (B)



Solution for Questions 73 – 76:



73. **Answer:** (A)

W is the mother of U.

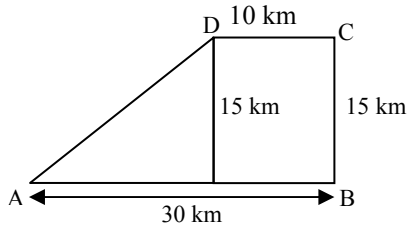
74. **Answer:** (D)

The gender of U cannot be determined from the given information.

Hence, the number of male members cannot be determined.

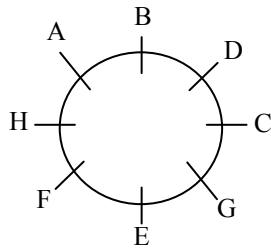
Therefore, option D is correct.

75. **Answer:** (D)
Y is the husband of X. Therefore, X and Y are a couple.
76. **Answer:** (C)
The 2 couples are X and Y, and V and W.
Thus, option (C) is correct.
77. **Answer:** (B)



$$AD = \sqrt{20^2 + 15^2} = \sqrt{400 + 225} = 25 \text{ km NE}$$

Solution for Questions 78 – 82:

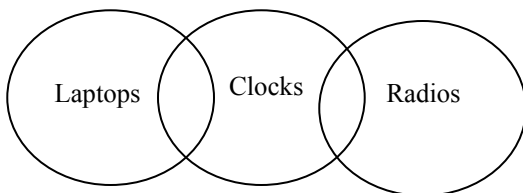


78. **Answer:** (A)
79. **Answer:** (E)
80. **Answer:** (B)
81. **Answer:** (E)
82. **Answer:** (B)

Solution for Questions 83 – 87:

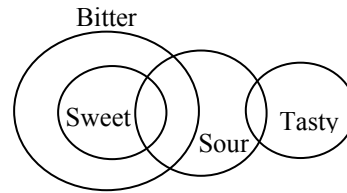
Height	N	K	M	L	O	J
Weight	J	L	M	K	O	N

83. **Answer:** (B)
84. **Answer:** (B)
85. **Answer:** (A)
86. **Answer:** (C)
87. **Answer:** (E)
88. **Answer:** (D)

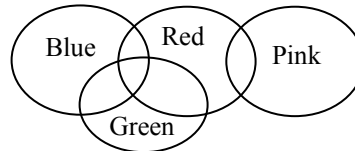


I → False
II → False

89. **Answer:** (A)
Conclusion I is true, and II is false.

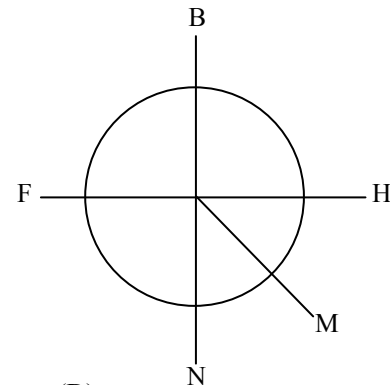


90. **Answer:** (E)

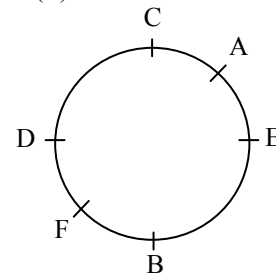


From the diagram, both conclusions I and II follow.

91. **Answer:** (E)
The seating arrangement is as shown.
This can be arrived at only if both statements are read and applied concurrently.



92. **Answer:** (D)
From the statements I and II, 'Ne Ni' will be coded as 'will you', but we cannot find the code for 'Ne'. It will be either 'will' or 'you'.
93. **Answer:** (E)



E is sitting to the immediate left of A. Hence, the question can be answered by using both the statements.

94. **Answer: (E)**
 From I and II:
 $B \leftarrow \text{Sister} \leftarrow P \rightarrow \text{Mother} \rightarrow S$
Brother
A
 Therefore, B is the maternal aunt of A and both the statements are necessary to answer the question.
95. **Answer: (A)**
 Statement I: T is taller than Q, V and G, but not the tallest.
 This implies that S is taller than T, who in turn is taller than Q, V and G.
 Thus, S is taller than T, Q, V and G, and hence, the tallest.
 Thus, statement I alone is sufficient to answer the question.
 Hence, option (A) is correct.
96. **Answer: (B)**
Statements:
 $B \% H \Rightarrow B = H$
 $H \$ E \Rightarrow H > E$
 $E \odot K \Rightarrow E \leq K$
 We get, $B = H > E \leq K$
Conclusions:
 I. $K \$ H \Rightarrow K > H$ (False)
 II. $K \$ B \Rightarrow K > B$ (False)
 III. $E \odot B \Rightarrow E < B$
97. **Answer: (C)**
Statements:
 $M \# W = M \geq W$
 $W \% N = W = N$
 $N \$ B = N > B$
 $M \geq W = M > B$

- Conclusions:**
 I. $N \% M \Rightarrow N = M$ (May be)
 II. $N \odot M \Rightarrow N < M$ (May be)
 III. $M \$ B \Rightarrow M > B$ (True)
98. **Answer: (E)**
 $M \odot T \Rightarrow M < T$
 $T \# J \Rightarrow T \geq J$
 $J \$ K \Rightarrow J > K$
 We get, $M < T \geq J > K$
Conclusions:
 I. $K \odot T \Rightarrow K < T$ (True)
 II. $M \odot T \Rightarrow M < T$ (True)
 III. $K @ M \Rightarrow K \leq M$ (False)
99. **Answer: (C)**
Statement:
 $F \# N \Rightarrow F \geq T$
 $N \odot D \Rightarrow N < D$
 $D @ R \Rightarrow D \leq R$
 We get, $F \geq N < D \leq K$
Conclusions:
 I. $D \# F \Rightarrow D \geq F$ (False)
 II. $R \$ N \Rightarrow R > N$ (True)
 III. $R \$ F \Rightarrow R > F$ (False)
100. **Answer: (A)**
Statements:
 $W @ F \Rightarrow W \leq F$
 $F \$ M \Rightarrow F > M$
 $M \odot D \Rightarrow M < D$
 $W \leq F > M < D$
Conclusions:
 I. $D \$ F \Rightarrow D > F$ (False)
 II. $W \odot M \Rightarrow W < M$ (False)
 III. $F \$ D \Rightarrow F > D$ (False)

IBPS Clerical (Prelims) Mock Test – 9

1. (C)	2. (D)	3. (C)	4. (C)	5. (C)	6. (A)	7. (D)	8. (A)
9. (D)	10. (C)	11. (D)	12. (C)	13. (C)	14. (A)	15. (B)	16. (D)
17. (B)	18. (A)	19. (D)	20. (E)	21. (C)	22. (E)	23. (A)	24. (B)
25. (D)	26. (D)	27. (B)	28. (A)	29. (D)	30. (C)	31. (A)	32. (D)
33. (A)	34. (D)	35. (C)	36. (C)	37. (B)	38. (C)	39. (A)	40. (E)
41. (C)	42. (B)	43. (D)	44. (B)	45. (B)	46. (A)	47. (B)	48. (D)
49. (C)	50. (D)	51. (A)	52. (C)	53. (C)	54. (C)	55. (C)	56. (A)
57. (B)	58. (D)	59. (D)	60. (D)	61. (D)	62. (C)	63. (B)	64. (B)
65. (D)	66. (E)	67. (C)	68. (D)	69. (A)	70. (A)	71. (B)	72. (B)
73. (A)	74. (D)	75. (E)	76. (A)	77. (A)	78. (B)	79. (A)	80. (C)
81. (D)	82. (B)	83. (B)	84. (D)	85. (C)	86. (B)	87. (B)	88. (B)
89. (D)	90. (C)	91. (D)	92. (B)	93. (E)	94. (D)	95. (A)	96. (C)
97. (E)	98. (A)	99. (D)	100. (B)				

1. **Answer: (C)**
The last line of the 1st paragraph leads us to the answer 'The problem was something else.' And it was his 'commute to his office' which is mentioned in the 2nd paragraph.
2. **Answer: (D)**
It is mentioned in the 2nd line of the passage, the white collared, educated, salaried labour class that this country specializes in producing'.
3. **Answer: (C)**
'...because of the fact that he had a habit of reaching his workplace right before his shift was about to start' makes the answer clear. So, option 3 is the correct answer.
4. **Answer: (C)**
'The commute to office changed all that.' 'The number of feet that may have left their mark on his shoes could be somewhere around ten.'
5. **Answer: (C)**
It is mentioned in the 3rd paragraph, 'He looked no different than any rag-picker'.
6. **Answer: (A)**
Both 'uneventful' and 'routine' mean usual. So, option 1 is the correct answer.
7. **Answer: (D)**
'Crumpled' means similar to 'wrinkled'. So, option (D) is the correct answer.
8. **Answer: (A)**
'Turning to' means similar to 'resorting to' here.
9. **Answer: (D)**
'Mend' means 'to repair' or 'fix'. 'Distort' is the opposite word to it.
10. **Answer: (C)**
'Tattered' means 'old and torn'. So, 'unused' is the opposite word.
11. **Answer: (D)**
Only option (D) fits the context here.
12. **Answer: (C)**
Here, afraid fits the context of the passage. The princess's mother is scared of losing her, and not confident or convinced.

13. **Answer: (C)**
Too much love or care spoilt the princess. Other words do not fit the context here.
14. **Answer: (A)**
Here, consequence refers to result. So, it is the correct word. Other words do not make sense here.
15. **Answer: (B)**
No contrast or conflicting ideas are presented here. So, 'and' is the correct conjunction to join the phrases.

Solution for Questions 16 – 20:

1. Sentence 4 introduces 'Nicky'.
2. Sentence 2 tells what happens on a particular day.
3. 'Arrived' in Sentence 5 follows 'went to' in B.
4. Sentence 3 introduces 'a poor looking boy'.
5. 'This ticket' in Sentence 6 refers to 'the last ticket'.
6. Sentence 1 concludes the passage.
Thus, the correct sequence is 425361.
16. **Answer: (D)**
17. **Answer: (B)**
18. **Answer: (A)**
19. **Answer: (D)**
20. **Answer: (E)**
21. **Answer: (C)**
(C) as. With the word 'known', we always use 'as'. The correct version is 'known....as'.
22. **Answer: (E)**
The sentence is completely correct grammatically.
23. **Answer: (A)**
Add 'of' after 'acquiring'.
24. **Answer: (B)**
Change 'each other' to 'one another'. When we speak of two persons, 'each other' is used and for more than two persons, 'one another' is used.
25. **Answer: (D)**
public appearances - correct word order
26. **Answer: (D)**

Taught is the correct option here as it means that Lily was teaching at the University of Cambridge and **earned** is used here as it explains that she was praised by the elders.

27. **Answer:** (B)

Virtue is used here as it means a good quality that should be a part of children's life and **lifelong** is the most appropriate choice as it means that the effect of the virtue on children's well-being continues throughout their lifespan.

28. **Answer:** (A)

Author is the correct option here as it means Rabindranath Tagore is Kritika's favourite author and **written** is to be used here as it means that Gitanjali was written by him.

29. **Answer:** (D)

Choice is the correct option as it means that Deepika wanted to book the venue for the celebration and **expensive** will be the appropriate choice as it suggests that she could not have it because it was too costly for her.

30. **Answer:** (C)

Bonded will be used here as it means that Ritika got friendly with Remi and **transferred** will be used here as it means that she was ordered to move from Los Angeles.

31. **Answer:** (A)

$$2001 \times 66 - 48692 = ? \times 113$$

$$132066 - 48692$$

$$83374 = ? \times 113$$

$$83374 \div 113 = 737.82$$

32. **Answer:** (D)

$$3456 \div 432 \times 8 + 6 \Rightarrow 8 \times 8 + 6$$

$$\Rightarrow 70$$

33. **Answer:** (A)

$$(5/9) \times 315 + (3/7) \times 455 = 175 + 195 = 370$$

Hence, option (A) is correct.

34. **Answer:** (D)

$$6630 - 2496 \div 96 = ? \times 26$$

$$2496 \div 96 = 26$$

$$6630 - 26 = 6604$$

$$6604 = ? \times 26$$

$$? = 6604 \div 26 = 254$$

35. **Answer:** (C)

Consider the given expression.

$$\Rightarrow 0.3 + 0.3 - 0.3 \div 0.3 \times (0.3 \times 0.3)$$

$$\Rightarrow 0.3 + 0.3 - 0.3 \div 0.3 \times (0.09)$$

$$\Rightarrow 0.3 + 0.3 - 1 \times (0.09)$$

$$\Rightarrow 0.6 - 0.09$$

$$\Rightarrow 0.51$$

36. **Answer:** (C)

$$8787 \div 343 \times 7 = 179.326 = 180$$

37. **Answer:** (B)

$$(3033 \div 8) \times (16 \div 1515) = (?)$$

$$\left(\frac{3033}{8}\right) \times \left(\frac{16}{1515}\right) = (?)$$

$$4 = ?$$

38. **Answer:** (C)

4011.33 can be written as 4000. 3411.22 can be written as 3410. Therefore, $\frac{5}{8} \times 4000 + 3410$

= 5910, which is closer to 5900.

39. **Answer:** (A)

$$335.018 \times \frac{244.99}{55} = 1490$$

We can approximate 335.018 to 335, as well as 244.99 to 245. Now solving, we get 1492.27, which is approximately 1490.

40. **Answer:** (E)

$$23\% \text{ of } 6783 + 57\% \text{ of } 8431 = 6360$$

41. **Answer:** (C)

The numbers increase in the following pattern:

$$1 + 1^2 = 1 + 1 = 2$$

$$2 + 2^2 = 2 + 4 = 6$$

$$6 + 3^2 = 6 + 9 = 15$$

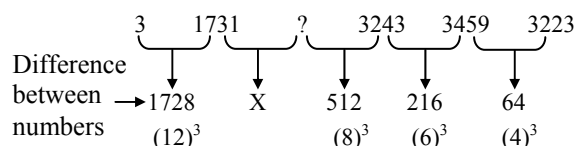
$$15 + 4^2 = 15 + 16 = 31$$

$$31 + 5^2 = 31 + 25 = 56$$

$$\text{Similarly, } 56 + 6^2 = 56 + 36 = 92$$

Hence, the missing number is '92'.

42. **Answer:** (B)



Therefore,

$$? = 1731 + 10^3$$

$$? = 1731 + 1000$$

$$? = 2731$$

43. **Answer:** (D)

$$7 \times 1 = 7$$

$$7 \times 3 = 21$$

$$21 \times 5 = 105$$

$$105 \times 7 = 735$$

$$735 \times 9 = 6615$$

$$6615 \times 11 = 72765$$

44. **Answer:** (B)

In this simple addition with repetition series, each number in the series repeats itself, and then increases by 12 to arrive at the next number.

45. **Answer:** (B)

This is a simple subtraction series in which a random number 85 is interpolated as every third number. In the subtraction series, 10 is subtracted from each number to arrive at the next.

46. **Answer:** (A)

Let the common ratio of incomes = x

Ratio of incomes of the two persons = 9 : 7

$\therefore$ Let monthly salary of the two persons be 9x and 7x.

Now, ratio of their expenditures = 4 : 3

Monthly savings = Rs. 2000

Monthly expenditure of the two persons = $(9x - 2000)$ and $(7x - 2000)$
 According to question,

$$\frac{9x - 2000}{7x - 2000} = \frac{4}{3}$$

$$27x - 6000 = 28x - 8000$$

$$\Rightarrow 28x - 27x = 8000 - 6000$$

$$x = 2000$$
 Monthly income of one person = $9 \times 2000 \Rightarrow$ Rs. 18,000
 Monthly income of other person = $7 \times 2000 \Rightarrow$ Rs. 14,000

47. **Answer: (B)**
 Apply the rule of alligation:
 Required ratio = 1 : 1
 As after addition, cost of two litres will be Rs. 30,
 so cost of one litre will be Rs. 15.
48. **Answer: (D)**
 Let x kg of tin be added to the alloy.

Tin	Alloy (kg)
24	100
$24 + x$	$100 + x$

$$\frac{24 + x}{100 + x} = 2 \times \frac{24}{100}$$

$$x = 46 \text{ (to the nearest kg)}$$

Hence, 46 kg of tin must be added to the alloy.

49. **Answer: (C)**
 Marked price of the article = Rs. 400
 After selling the article at a discount of 20%,
 selling price becomes Rs. 320.
 Now, Rs. 320 is the price at which the dealer is
 getting a total profit of 25%.
 Or $\frac{4}{5} \times 320 = \text{Rs. } 256$
 Hence, cost price of the article is Rs. 256.
50. **Answer: (D)**
 $SI = 1640, R = 4\%, T = 4 \text{ years}$

$$\text{Principal} = \frac{100 \times 1640}{4 \times 4} = 10250$$
 So, $P = 10250$

$$\text{Rate} = \frac{100 \times 1640}{10250 \times 5} = 3.2\%$$
51. **Answer: (A)**
 Principal = Rs. 1000
 As the interest is calculated half yearly, the rate of
 interest for six months is 5% and the number of
 half years in 2 years is 4.
 Hence, amount earned = $1000 \left(1 + \frac{5}{100}\right)^4 = \text{Rs. } 1215.50$
52. **Answer: (C)**
 The ratio in which 24 grams is to be divided is 1 : 2 : 3.

Therefore, total number of parts = 6
 Each part is of weight 4 grams.
 Weight of gold to be received by the third sister = $3 \times 4 = 12$ grams

53. **Answer: (C)**
 Sum of heights of 5 players is $190 \times 5 = 950$ cm.
 Sum of heights of all 9 players is $182 \times 9 = 1638$ cm.
 So, sum of heights of 4 substitutes is $1638 - 950 = 688$ cm.
 Average height of 4 substitutes = $\frac{688}{4} = 172$ cm
54. **Answer: (C)**
 Let there be K girls in the group.
 $(50 \times 11.2 + 10.9 \times K)/(50 + K) = 11$
 $K = 100$
 So, there are 100 girls in the group. Thus, the total
 number of children is 150.
55. **Answer: (C)**
 Let one man do ' x ' amount of work on the first
 day.
 So, total work = $8(x + 2x + \dots + 10x) = 440x$
 If only one man started the work, then
 $x + 2x + \dots + nx = 440x$

$$\sum n = 440$$
 Taking $n = 29$, we get

$$\sum n = \frac{29 \times 30}{2} = 435$$
 Rest of the work left will be done on the 30th day.
 So, a minimum of 30 days are required.
56. **Answer: (A)**
 Let time taken by the leak to empty the full tank
 = t
 Let time taken to completely fill the tank = $f = 24$
 hours
 Total time = 30 hours (given)
 So, $(1/f) - (1/t) = 1/30$
 $(1/24) - 1/t = 1/30$
 $t = 120$
57. **Answer: (B)**
 Relative speed of B = $110 - 100 = 10$ km/hr
 Time taken by B to overtake A = 10 hours
 So, B overtook A in 10 hours.
58. **Answer: (D)**
 Given: Both of them are travelling the same
 distance.
 Therefore, speed will be inversely proportional to
 time.
 $\Rightarrow$ A and B respectively will take $3x$ minutes and
 $2x$ minutes to cover the same distance.
 Also, $3x - 2x = 10$
 $\Rightarrow x = 10$
 $\Rightarrow$ A will take 30 minutes to cover the
 distance.
 If A doubles his speed, then he would have
 covered the same distance in 15 minutes.
59. **Answer: (D)**

Let x m/h be the speed of the boat in still water.
According to the given condition,

$$\frac{9}{x-2} + \frac{9}{x+2} = 6$$

$$2x^2 - 6x - 8 = 0 \Rightarrow x^2 - 3x - 4 = 0$$

$$(x-4)(x+1) = 0 \Rightarrow x = 4 \text{ or } x = -1 \text{ (inadmissible)}$$

$\therefore$ The required speed is 4 m/h.

60. **Answer:** (D)

Distance to be covered = 35 km

$$\text{Time required to be taken} = 25 \text{ min} = \frac{5}{12} \text{ hour}$$

$$\text{Speed} = 35 \times \frac{12}{5} = 84 \text{ km/hr}$$

61. **Answer:** (D)

Logic's share = 40° of total

Now, 5% of $40^\circ = 2^\circ$

Literature's share becomes $60 + 2 = 62^\circ$

Again, 50% of $62^\circ = 31^\circ$

Business = $60 + 31 = 91^\circ$

Thus, percentage of students in Business =

$$\frac{91}{360} \times 100 = 25.2\%$$

62. **Answer:** (C)

(Philosophy + Logic) – (Physics + Chemistry) = $80^\circ - 60^\circ = 20^\circ$

So, required number of students =

$$\frac{20}{360} \times 2160 = 120$$

63. **Answer:** (B)

Philosophy = 40°

$$\text{Logic will be } 40 + \frac{40}{2} = 60^\circ$$

$$\text{Literature} = 60 + \frac{40}{2} = 80^\circ$$

$$\text{Required \%} = \frac{80}{360} \times 100 = \frac{200}{9} = 22\%$$

64. **Answer:** (B)

$$\text{Required ratio} = \frac{40}{360 - (60 + 40 + 20)} = 1 : 6$$

65. **Answer:** (D)

10% students = $2160 - 216 = 1944$ students.

$$\text{Hence, new angle} = \frac{360}{1944} \times 360 = 66.67^\circ$$

66. **Answer:** (E)

O V E R W H E L M

(O, R); (L, M); (R, M); (E, H)

More than three pairs

67. **Answer:** (C)

654 - Sun is rising

853 - Moon is setting

156 - Sun is hidden

In 1st and 3rd, 'sun and is' are common. Thus, 'hidden' is '1'.

68. **Answer:** (D)

My father's father $\Rightarrow$ grandfather; Grandfather's only daughter $\Rightarrow$ maternal aunt. So, the man is her nephew.

69. **Answer:** (A)

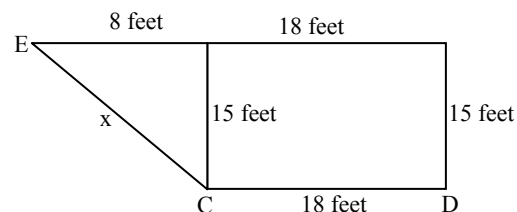
Sister of aunt's son $\Rightarrow$ Aunt's daughter

$\Rightarrow$ Cousin

70. **Answer:** (A)

My son's father $\Rightarrow$ husband; Husband's mother $\Rightarrow$ mother-in-law; mother-in-law's daughter $\Rightarrow$ sister-in-law

71. **Answer:** (B)



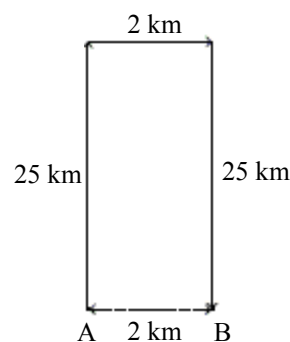
$$x^2 = 15^2 + 8^2$$

$$x^2 = 225 + 64$$

$$x^2 = 289$$

$$x = 17 \text{ feet}$$

72. **Answer:** (B)



Solution for Questions 73 – 76:

The following clues can be derived from the above given facts:

- (i) Cities A, B, C and D are state capitals since E is not a state capital and A is also an industrial town.
- (ii) A and B are not sea ports (since B is a hill station).
- (iii) Either C or D can be a sea port since only one state capital is a sea port. So, E is a sea port (since A and B cannot be sea ports). Further, D cannot be a sea port since it is not an industrial town. So, C is a sea port and an industrial town.
- (iv) The longitudes of C and E are common because C is both an industrial town and a sea port.
- (v) Latitude of B is common with A since D is not an industrial town and C and E have their longitudes common.
- (vi) Since A and D are not sea ports, only one of them can be a hill station and that cannot be determined.
- (vii) Since A and C are industrial towns and only two towns are industrial towns, B is not an industrial town.

State capitals - A, B, C and D
 Two industrial towns - A and C
 Two hill stations - A or D and B
 Two sea ports - C and E
 Common latitude towns - A and B
 Common longitude towns - C and E

73. **Answer:** (A)
 74. **Answer:** (D)
 75. **Answer:** (E)
 76. **Answer:** (A)

Solution for Questions 77 – 81:

G is second to the left of D.

Also, G is the neighbour of E and F, i.e. G is sitting between E and F.

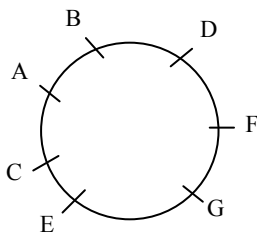
But D is not a neighbour of E.

So, anti-clockwise, we have EGFD.

Now, A is sitting between B and C.

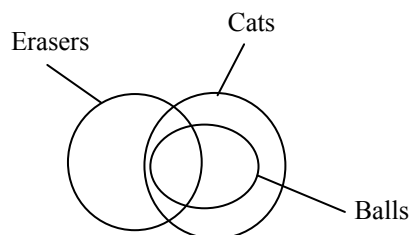
But D is not a neighbour of C. So, B is the neighbour of D.

Thus, the seating arrangement is as shown in the adjoining figure:

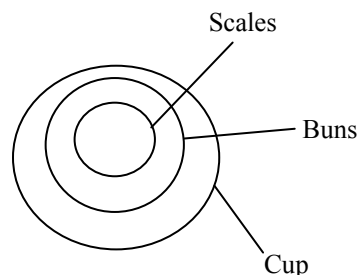


77. **Answer:** (A)
 B is between A and D; D is between F and B; E is to the immediate left of G; and F is to the immediate right of G.
78. **Answer:** (B)
 D sits to the immediate left of B; C sits to the immediate left of E; and E sits second to the right of A. But F sits to the immediate right of G.
79. **Answer:** (A)
 If D and E interchange places, then D's new position will be E's initial position, which is between G and C.
80. **Answer:** (C)
 C is to the immediate right of A.
81. **Answer:** (D)
 A is between C and B; C is between A and E; and F is between G and D.
82. **Answer:** (B)
 Couples are:
 Husband → Wife
 Shyam → Shruthi
 Akhil → Neeraja
 Babu → Saritha
 Bhargav → Sunitha
 Raghu → Monica
83. **Answer:** (B)
 84. **Answer:** (D)

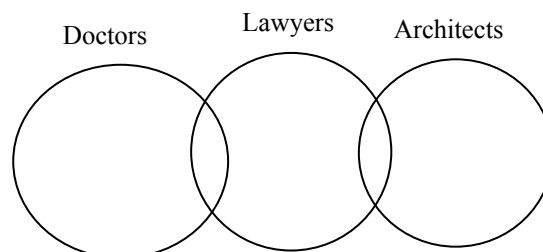
85. **Answer:** (C)
 86. **Answer:** (B)
 87. **Answer:** (B)



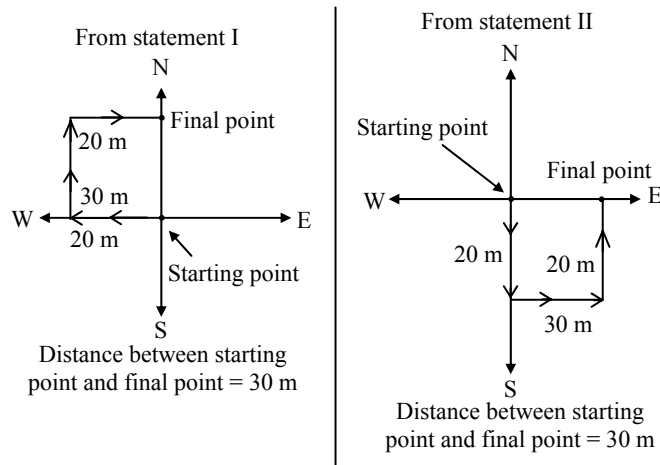
88. **Answer:** (B)



89. **Answer:** (D)



90. **Answer:** (C)



91. **Answer:** (D)
 P may have a son in addition to G whose reference is not given in the question.
92. **Answer:** (B)
 Statement I alone is insufficient to answer the question and statement II alone is sufficient to answer the question.

93. **Answer:** (E)
 From II: The 4th, 8th, 12th, 16th, 20th, 24th and 28th positions are occupied by boys.
 From I: Deepika is 27th from the left end. Hence, using I and II, we can get the number of girls.
94. **Answer:** (D)
 In all the sets, except (D), all the characters in the set are according to the inverse series.
95. **Answer:** (A)
 The pattern is as follows:
 First element of the pattern is a number increasing one every time, i.e. 3, 4, 5 and 6.
 Second element - letters in the correct order, i.e. A, B, C and D
 Third element - letters in the inverse order, i.e. Z, Y, X and W.
 Therefore, the next term is 6DW.
96. **Answer:** (C)
 $M < J, J \leq R, R = K$
 $K = R \geq J > M$
 I. $K = J$
 II. $K > J$
 $\therefore$ Either (i) or (ii) is true.

97. **Answer:** (E)
 $N \geq T, T = H, N < W$
 $W > N \geq T = H$
 I. $W > T$ (True)
 II. $N \geq H$ (True)
98. **Answer:** (A)
 $F < R, R \leq V, V \geq T$
 $V \geq T, V \geq R, R > F$
 I. $V > F$ (True)
 II. $F < F$ (False)
99. **Answer:** (D)
 $W \leq D, D \geq B, B < H$
 $D \geq B, D \geq W, H > B$
 I. $H > D$ (Can't say)
 II. $W < B$ (Can't say)
100. **Answer:** (B)
 Solution:
 $F = T, T \geq M, M \leq R$
 $F = T \geq M$
 $R \geq M$
 I. $R \geq F$ (False)
 II. $M \leq F$ (True)

IBPS Clerical (Prelims) Mock Test – 10

1. (A)	2. (D)	3. (A)	4. (A)	5. (E)	6. (B)	7. (B)	8. (E)
9. (D)	10. (D)	11. (B)	12. (D)	13. (A)	14. (E)	15. (C)	16. (A)
17. (C)	18. (D)	19. (C)	20. (E)	21. (C)	22. (C)	23. (B)	24. (B)
25. (A)	26. (A)	27. (D)	28. (C)	29. (C)	30. (D)	31. (C)	32. (D)
33. (D)	34. (E)	35. (B)	36. (C)	37. (A)	38. (C)	39. (C)	40. (A)
41. (E)	42. (D)	43. (D)	44. (B)	45. (D)	46. (A)	47. (C)	48. (D)
49. (B)	50. (C)	51. (C)	52. (A)	53. (C)	54. (B)	55. (B)	56. (C)
57. (B)	58. (A)	59. (A)	60. (C)	61. (A)	62. (D)	63. (B)	64. (D)
65. (E)	66. (B)	67. (A)	68. (A)	69. (B)	70. (C)	71. (D)	72. (B)
73. (C)	74. (B)	75. (B)	76. (B)	77. (A)	78. (C)	79. (D)	80. (D)
81. (B)	82. (B)	83. (E)	84. (D)	85. (D)	86. (A)	87. (E)	88. (D)
89. (D)	90. (C)	91. (B)	92. (D)	93. (E)	94. (C)	95. (A)	96. (A)
97. (D)	98. (D)	99. (D)	100. (E)				

1. **Answer: (A)**
As it is stated in the passage, 'King Lear, who is elderly and wants to retire from power, decides to divide his realm among his three daughters...'
2. **Answer: (D)**
'Lear summons the Duke of Burgundy and the King of France, who have both proposed marriage to Cordelia.'
3. **Answer: (A)**
'For Cordelia, there is nothing to compare her love to, nor words to properly express it...In his anger he disinherits her.'
4. **Answer: (A)**
'Lear is further enraged by Kent's protests, and banishes him from the country.'
5. **Answer: (E)**
King Lear wants to give the biggest share of his property to one of the daughters that loves him the most. He wants to live alternately with Goneril and Regan.
(Last line) Goneril and Regan's private conversation reveals that their words were fake.
6. **Answer: (B)**
'Call' refers to cause to come; 'summon'.
7. **Answer: (B)**
'Proclaim' here refers to the declaration made by the two daughters of King Lear. So, 'declare' is the correct word.
8. **Answer: (E)**
'Bluntly' in the passage means 'without reserve' or 'straightforwardly'.
9. **Answer: (D)**
'Withdraw' means 'to quit' in the passage. 'Continue' is the opposite word to it.
10. **Answer: (D)**
Here, 'fake' is used for the false words of the daughters of King Lear. So, 'genuine' is the correct word.
11. **Answer: (B)**
'Lived' is the correct option here as it correctly describes the owl's activity.
12. **Answer: (D)**
'Happening' will be used as it correctly describes the occurrence of incidents.
13. **Answer: (A)**
'Heavy' is the correct option as it describes the basket that needed help being carried.
14. **Answer: (E)**
'Shouting' is the correct option as it fits here grammatically and makes sense.
15. **Answer: (C)**
Stories are 'told', so 'telling' is the correct option.
16. **Answer: (A)**
'In' is used with countries; 'of' is used with a particular address.
17. **Answer: (C)**
What the ban has proved can be seen even today. So, present tense will be used. Since the subject (Maggi ban) is singular, 'has' will be used in the first blank. 'Can' is used to present possibility.
18. **Answer: (D)**
'Some' and 'several' fill the blanks correctly.
19. **Answer: (C)**
'Know' and 'understand' fit the first blank, but only 'as well as' fits the second blank.
20. **Answer: (E)**
With the arrival of new settlers, the community grows, and this sense is best conveyed with option (E).

Solution for Questions 21 – 25:

Sentence 3 introduces Devan, so it should be the first line of the passage. Sentence 6 describes the kind of life he led, so it is the second line of the passage. Sentence 2 introduces and describes the other thieves, so it is the third line of the passage. Sentence 1 follows the previous sentence as it talks about the result of the other thieves' jealousy, so it is the fourth line of the passage. In sentence 4, the effect of their decision is given, so it is the fifth line of the passage. In sentence 5, Devan's reaction to their challenge is given, so it is the last line of the passage.

21. **Answer:** (C)
22. **Answer:** (C)
23. **Answer:** (B)
24. **Answer:** (B)
25. **Answer:** (A)
26. **Answer:** (A)
Support is an abstract noun and cannot be counted. So, the correct word will be 'little' in place of 'few'.
27. **Answer:** (D)
It should be 'computerised machine' in place of 'computerised machinery' as 'machinery' refers to a group or assemblage of machines or mechanical apparatuses. So, it acts as a plural subject.
28. **Answer:** (C)
The sentence is talking about several issues; we need to replace 'issue' with issues'.
29. **Answer:** (C)
'Sat down on the couch' is the correct phrase.
30. **Answer:** (D)
The correct reflexive pronoun should be 'herself' as the antecedent is the 'old woman'.
31. **Answer:** (C)
 $(3.48 \times 2.4 + 1.05 \times 0.03) \div ? = 0.1035 = 8.3835$
 $\div ?$
 $? = 8.3835 \div 0.1035 = 81$
32. **Answer:** (D)
 $\frac{5}{11} \times \frac{4}{5} \times \frac{11}{16} \times 848 = \frac{848}{4} = 212$
33. **Answer:** (D)
 $\sqrt{36864} \times \sqrt{1681} - (85)^2 = (?)^2 + 22$
 $= (192 \times 41) - 7225 = (?)^2 + 22$
 $7872 - 7225 = (?)^2 + 22$
 $647 = (?)^2 + 22$
 $647 - 22 = (?)^2$
 $625 = (?)^2$
 $\sqrt{625} = (?)$
 $? = 25$
34. **Answer:** (E)
 $\sqrt{\sqrt{2500} - \sqrt{961}} = (?)^2$
 $\sqrt{50 - 31} = (?)^2$
 $\sqrt{19} = (?)^2$
 $4.36 = (?)^2$
 $? = \sqrt{4.36}$
 $? = 2.09$
35. **Answer:** (B)
 $= 3 \frac{18}{24} \times 6 \frac{14}{48} \times 12 \frac{1}{6} + 3 \frac{2}{4}$
 $= \frac{90}{24} \times \frac{302}{48} \times \frac{73}{6} + \frac{14}{4}$
 $= \frac{15}{2} \times \frac{151}{48} \times \frac{73}{6} + \frac{14}{4}$
36. **Answer:** (C)
On solving the given equation,
 $97336 \div 12167 \times (?)^2 = 32$
 $8 \times (?)^2 = 32$
 $? = 2$
37. **Answer:** (A)
 $20.25 \div 5$ of $5 + 25\%$ of $460 = 0.81 + 0.25 \times 460$
 $= 115.81$
38. **Answer:** (C)
 $362.721 + 431.027 - 118.079 = 521.211 + x$
 $793.748 - 118.079 = 521.211 + x$
 $\therefore x = 154.458$
Option (C) is correct.
39. **Answer:** (C)
 $(23)^2 + 546/27 = ? \times 12$
 $529 + 20.22 = ? \times 12$
 $549.22 = ? \times 12$
 $? = 45.77$
So, option (C) is the correct answer.
40. **Answer:** (A)
 $\Rightarrow \sqrt{8} + 3 = (?)^3 + \sqrt{8} - 340$
 $\Rightarrow (?)^3 = 343$
 $\Rightarrow ? = 7$
41. **Answer:** (E)
 $-9 - 17 = -26$
 $-17 - 26 = -43$
 $-26 - 43 = -69$
 $-43 - 69 = -112$
 $-69 - 112 = -181$
 $-112 - 181 = -293$
 $-181 - 293 = -474$
 $-293 - 474 = -767$
42. **Answer:** (D)
13, 15, 33, 103, ?, 2091, 12553
 $(13 \times 1) + 2 = 15$
 $(15 \times 2) + 3 = 33$
 $(33 \times 3) + 4 = 103$
 $(103 \times 4) + 5 = 417$
 $(417 \times 5) + 6 = 2091$
 $(2091 \times 6) + 7 = 12553$
43. **Answer:** (D)
 $3 \times 1 + 1^3 = 3 + 1 = 4$
 $4 \times 2 + 2^3 = 8 + 8 = 16$
 $16 \times 3 + 3^3 = 48 + 27 = 75$
 $75 \times 4 + 4^3 = 300 + 64 = 364$
 $364 \times 5 + 5^3 = 1820 + 125 = 1945$

44. **Answer:** (B)
 Series is 8, 10, 18, 44, 124, x
 Let's take difference between consecutive numbers
 2, 8, 26, 80, x - 124
 So $\Rightarrow 6, 1854, x - 124, x$
 So, the series is
 $6 = 6 \times 1 = 6(3^0)$
 $6 = 6 \times 1 = 6 \times 3^1$
 $6 = 6 \times 1 = 6 \times 3^2$
 After that, it would be 6×3^3
 $= 162$
 $\Rightarrow x - 204 = 162$
 $x = 366$
45. **Answer:** (D)
 1st series: -1, -4, -7, -10, -13
 (Subtract -3 every time)
 2nd series: 0, -3, -6, -9, -12
 (Subtract -3 every time)
46. **Answer:** (A)
 The mixture contains $\left(\frac{10}{100}\right) 70 = 7$ litres of water
 It contains $(70 - 7) = 63$ litres of wine
 Let x litres of water be added.

$$\frac{(7+x)}{(70+x)} = \left(\frac{37}{100}\right)$$

 $x = 30$ litres
47. **Answer:** (C)
 Assume that the C.P. of each pen is Re. 1.
 So, C.P. is Rs. 10 (since he purchased 10 pens).
 S.P. of each pen is Rs. 1.20 and he has 12 pens now.
 So, he will get $12 \times (1.20) = \text{Rs. } 14.40$
 Profit percentage = $\frac{14.4-10}{10} \times 100 = 44\%$
48. **Answer:** (D)
 Let the CP of the article be Rs. x.
 So, SP will be $1.3x$.
 After giving 10% discount, $SP = 0.9 \times 1.3x = 1.17x$
 Profit = $0.17x$
 But, the profit is given as Rs. 1020.
 $0.17x = \text{Rs. } 1020$
 $x = \text{Rs. } 6000$
49. **Answer:** (B)
 Let's suppose loan taken from bank A = x
 $0.04x + 0.05(8000 - x) = 350$
 $x = 5000$
 Loan taken from bank B = $8000 - 5000 = 3000$
 Now go with the options; option (B) satisfies.
50. **Answer:** (C)
 Total number of people participated = 850
 Number of responses in favour of Salmon, Tuna and Mackerel = $44\% + 28\% + 10\% = 82\%$
 Percent of people who voted in favour of others = $100\% - 82\% = 18\%$

Number of people who voted in favour of others = 153

51. **Answer:** (C)
 Average weight of 12 drums = 60 kg
 Sum of their weights = $12 \times 60 = 720$ kg
 $60 = H - S_v \dots\dots(A)$
 [Where H and S_v are weights of two heaviest drums]

$$\text{And } \frac{1}{2} (60) = \frac{\sum (S_{10})}{10}$$

$$300 = \sum (S_{10}) \dots\dots(B)$$

It means the sum of the remaining two drums is 420 kg.

$$H + S_v = 420 \dots\dots(C)$$

$$H - S_v = 60 \dots\dots(D)$$

$$2H = 480$$

$$H = 240$$

52. **Answer:** (A)
 Let us say, the average age of eight members was x years and the average age of two women is y years.

$$\text{According to the question: } \frac{8x - 35 - 45 + 2y}{8} = x$$

$$+ 2$$

$$8x - 80 + 2y = 8x + 16$$

$$2y = 96$$

$$y = \frac{96}{2} = 48$$

The average age of two women = 48 years.

53. **Answer:** (C)
 Let 'x' be the total money.

$$\text{A paid } \frac{1}{2} x \text{ at first.}$$

$$\text{B paid } \frac{1}{2} \left(x - \frac{1}{2} x \right) = \frac{1}{4} = x.$$

From the remaining, i.e. $\frac{1}{4} x$, A paid half = $\frac{1}{8} x$, which continues.

$$\text{So, totally A paid } \frac{x}{2} + \frac{x}{8} + \frac{x}{32} + \dots\dots\dots$$

$$\text{Which is an infinite GP} = \frac{\frac{x}{2}}{1 - \frac{1}{4}} = \frac{2x}{3} = 66.66\%$$

of the total money.

54. **Answer:** (B)
 Let 1 man's 1 day work = x and 1 woman's 1 day work = y.
 Hence,

$$10x = \frac{1}{20} \text{ and } 20y = \frac{1}{15}$$

$$x = \frac{1}{200} \text{ and } y = \frac{1}{300}$$

(5 men + 10 women)'s 1 day work =

$$\frac{5}{200} + \frac{10}{300} = \frac{7}{120}$$

So, they will finish the work in $\frac{120}{7} = 17\frac{1}{7}$ days

55. **Answer:** (B)

$$\text{Work done by Q} = 1 - \frac{19}{23} = \frac{4}{23}$$

$$(P + R) : Q = \frac{19}{23} : \frac{4}{23} = 19 : 4$$

$$Q\text{'s share} = \text{Rs. } (529 \times \frac{4}{23}) = \text{Rs. } 92$$

56. **Answer:** (C)

Pipe A can fill the tank in 15 hours.

Pipe B can fill the tank in 20 hours.

According to the question,

$$\text{Both A and B can fill the tank in } \frac{1}{\frac{1}{15} + \frac{1}{20}} =$$

$$\frac{15 \times 20}{20 + 15} = \frac{15 \times 20}{35} = \frac{60}{7} \text{ min} = 8\frac{4}{7} \text{ hours}$$

57. **Answer:** (B)

$$\text{Average speed} = \frac{2 \times 20 \times 30}{50} = \frac{120}{5} = 24 \text{ km/hr}$$

58. **Answer:** (A)

Let, the speed of the ship be S1.

Length of the ship = 125 m

Speed of the fishing boat = S2 = 5 kmph = 1.39 m/sec

Relative speed = SR = S1 - S2 = S1 - 1.39

Time taken to cross each other = 10 sec

Relative speed =

$$S1 - 1.39 =$$

$$S1 - 1.39 = 12.5$$

$$S1 = (12.5 + 1.39) \text{ m/sec}$$

$$S1 = 13.89 \text{ m/sec}$$

$$S1 = 50 \text{ km/h}$$

59. **Answer:** (A)

The speed while going downstream = (15 + 3 - 2)

kmph = 16 kmph

$$\text{Distance} = 16/4 = 4 \text{ km}$$

60. **Answer:** (C)

Brown overtakes John in 4 hours.

This means that he can cover $4 \times 20 = 80$ km in this time.

That means in 2 hours before Brown starts, John has covered 80 km

So, John's speed is 40 kmph and that of Brown is 60 kmph

$$\text{So, the distance travelled by Brown} = 60 \times 4 = 240 \text{ km}$$

61. **Answer:** (A)

Value per kg for different years given in options:

1994	1995	1996	1997	1998
$\frac{150}{100}$	$\frac{150}{75}$	$\frac{325}{150}$	$\frac{400}{160}$	$\frac{500}{200}$

From the above values, it is clear that value per kg is minimum for the year 1994.

62. **Answer:** (D)

$$\text{Difference} = (160 - 150) 10^5 = 10,00,000 \text{ kg}$$

63. **Answer:** (B)

Percentage increase in export value from 1994 to

$$1998 = \frac{500 - 150}{150} \times 100 = 230\% \text{ approx.}$$

64. **Answer:** (D)

Percentage decrease in export quantity from 1994

$$\text{to } 1995 = \frac{100 - 75}{100} \times 100 = 25\%$$

65. **Answer:** (E)

Rate per kg of cashew nuts in 1996 =

$$\frac{(325 \times 10^7)}{(150 \times 10^5)} = \text{Rs. } 260$$

Value of exports in 1997 = $160 \times 10^5 \times 260 = \text{Rs. } 416 \text{ crores}$

We need a reflexive pronoun for an old woman.

So, it should be 'herself' in place of 'himself'.

66. **Answer:** (B)

A(1) B(2) C(3) D(4) E(5) F(6) G(7) H(8) I(9) J(10) K(11) L(12) M(13) N(14) O(15) P(16) Q(17) R(18) S(19) T(20) U(21) V(22) W(23) X(24) Y(25) Z(26)

$$R - 4 = N$$

$$A - 3 = X$$

$$V - 2 = T$$

$$E - 1 = D$$

$$Y - 4 = U$$

$$O - 3 = L$$

$$U - 2 = S$$

$$R - 1 = Q$$

67. **Answer:** (A)

C : %

A : 7

T : @

A : 7

S : +

T : @

R : -

O : /

P : &

H : #

I : !

C : %

R : -

O : /

A : 7

S : +

T : @

68. **Answer:** (A)

From the four statements:

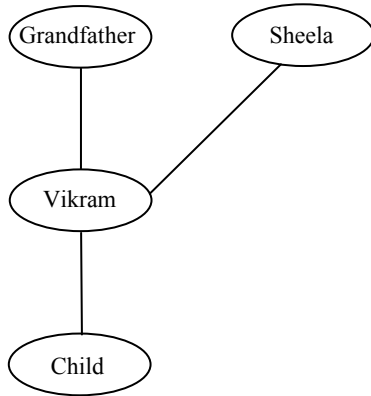
are = kh

players = gi

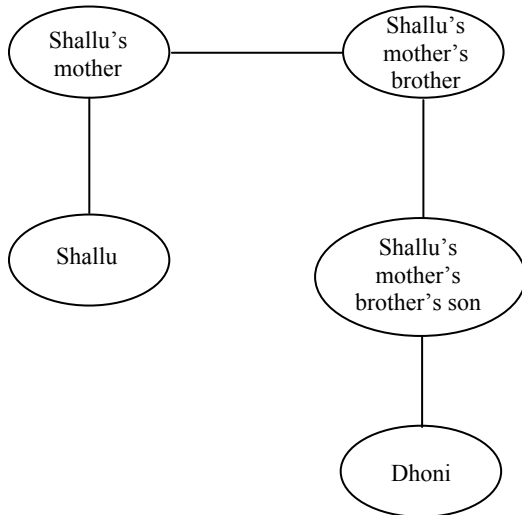
educated = ws

students = pq

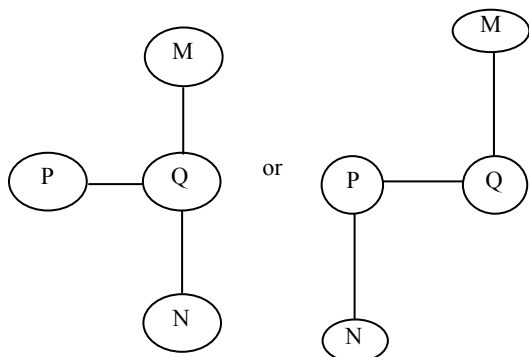
69. **Answer:** (B)



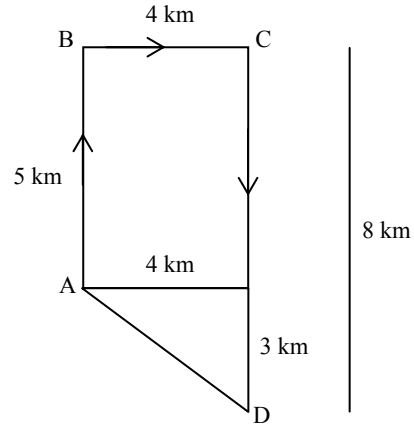
70. **Answer:** (C)



71. **Answer:** (D)
Relation cannot be defined between N and P.

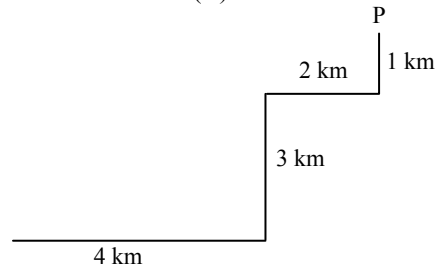


72. **Answer:** (B)



AD = 5 km

73. **Answer:** (C)



Solutions for Questions 74 –78:

The four nurses are: A (Anita), B (Beena), C (Chaiya), D (Dimple)

Monday – A or B

Tuesday – B alone or B _ (Not with A)

Wednesday – C alone or C _

Thursday – _ _ (Not B)

Friday – _ _ _

74. **Answer:** (B)

B must work on Tuesday (B alone or B not with A)

75. **Answer:** (B)

Only on Tuesday it is possible.

76. **Answer:** (B)

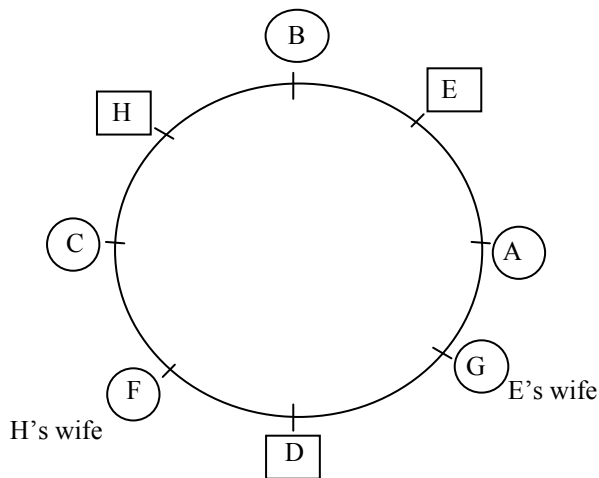
77. **Answer:** (A)

78. **Answer:** (C)

It can't be Monday or Friday because on Monday, there is exactly one nurse and on Friday, there are three nurses. On Wednesday, Chaiya is working. So, days left are Tuesday or Thursday.

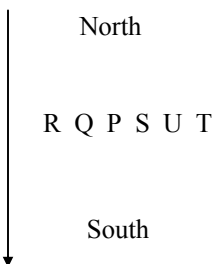
Solution for Questions 79 – 83:

Circle = Female
Rectangle = Male



79. **Answer:** (D)
80. **Answer:** (D)
81. **Answer:** (B)
82. **Answer:** (B)
83. **Answer:** (E)

Solution for Questions 84 – 87:



84. **Answer:** (D)
85. **Answer:** (D)
86. **Answer:** (A)
87. **Answer:** (E)
All are neighbours, except QS.
88. **Answer:** (D)
When positions of first and third digits within each number are interchanged, we get
915 463 782 851 538
Second lowest number: 538
Third digit of second lowest number = 8
89. **Answer:** (D)
When positions of first and third digits within each number are interchanged, we get
915 463 782 851 538
Second highest number = 851
Middle digit of the second highest number = 5

90. **Answer:** (C)
Highest number = 835.
Its second digit = 3
Lowest number = 158
Its second digit = 5
Difference = $5 - 3 = 2$
91. **Answer:** (B)
There is only one such symbol, i.e. ©.
92. **Answer:** (D)
Ninth to the right of the twentieth element from the right means $(20 - 9 = 11^{\text{th}}$ element from the right), which is 5.
93. **Answer:** (E)
Next number is $\delta 5W$
94. **Answer:** (C)
There are two such consonants, D and T.
95. **Answer:** (A)
There are no such numbers.
96. **Answer:** (A)
 $P \% Q' \rightarrow P = Q$
 $P \$ Q' \rightarrow P > Q$
 $P \odot Q' \rightarrow P < Q$
 $P * Q' \rightarrow P \leq Q$
 $P @ Q' \rightarrow P \geq Q$
 $N @ D, D * K, K \$ A$ means $N \geq D, D \leq K, K > A$
(I) $K @ N \rightarrow K \geq N$ (false)
(II) $A \odot D \rightarrow A < D$ (false)
(III) $N \$ A \rightarrow N > A$ (false)
97. **Answer:** (D)
 $K @ T, T \$ N, N \odot R$ means $K \geq T, T > N, N < R$
(I) $R \$ K$ (false)
(II) $N * K$ (false)
(III) $K \$ N$ (true)
98. **Answer:** (D)
 $W \% K, K \odot F, D \$ F$
Means $D > F > K = W$
(I) is true, (II) is true and (III) is true.
99. **Answer:** (D)
 $B * K, K \odot F, F \% R$ means $B \leq K, K < F, F = R$
or $R = F > K = B$
So,
(I) $R \$ K \rightarrow R > K$ (true).
(II) $R \$ B \rightarrow R > B$ (true).
(III) $F \$ B \rightarrow F > B$ (true)
100. **Answer:** (E)
 $H \$ M, M \% D, D @ K$ means $H > M, M = D, D = K$ or $H > M = D \geq K$
So,
(I) $H \$ D$ is true
(II) $K * M$ is true
(III) $K \odot H$ is true

Mock Test (Mains)

1. Mock Test 1

2. Mock Test 2

3. Mock Test 3

4. Mock Test 4

5. Mock Test 5

IBPS Clerical (Mains) Mock Test – 1

General/Financial Awareness (40 Questions)

1. What do you mean by 'Outcome Budget'?
(A) It denotes reaction of the media after Budget Papers are approved in the parliament.
(B) It aims to measure performance of the government in various departments.
(C) It is a report submitted by the Government of India indicating strides made in different projects by ministries and departments as a first step towards converting outlays into income.
(D) It aims to measure the estimate of exports.
(E) None of these
2. The basis of determining dearness allowance to employees in India is
(A) standard of living
(B) national income
(C) per capita income
(D) consumer price index
(E) WPI
3. Which of the following measures is not adopted by Reserve Bank of India for controlling credit?
(A) Capital Adequacy Ratio
(B) Cash Reserve Ratio
(C) Statutory Liquidity Ratio
(D) Cash Deposit Ratio
(E) None of these
4. Which of the following may be the consequence of buying Forex in the market by the RBI?
(A) It leads to inflation.
(B) It leads to control over inflation.
(C) It does not affect inflation.
(D) It leads to deflation.
(E) None of these
5. 'Hedging' denotes
(A) protection against fluctuations/uncertainty risk in forex markets
(B) credit risk assessment in respect of advances
(C) speculative buying/selling of foreign currency
(D) All of the above
(E) None of these
6. The term 'kite flying' in banking refers to
(A) drawing a cheque without providing sufficient funds to meet it
(B) drawing and acceptance of a bill of exchange without consideration with a view to accommodate the other party
(C) the practice of paying bills before they become due
(D) drawing a post dated cheque
(E) None of these
7. As per the guidelines issued by SEBI, the Permanent Account Number (PAN) is a must for which of the following?
(A) Demat Accounts
(B) All Savings Bank Accounts
(C) All Housing Loan Accounts
(D) All Current Accounts
(E) None of these
8. Many a time, we read about Special Drawing Right (SDR) in newspapers. As per its definition, SDR is a monetary unit of the reserve assets of which of the following organisations/agencies?
(A) World Bank
(B) International Monetary Fund (IMF)
(C) Reserve Bank of India (RBI)
(D) SEBI
(E) None of these
9. EEFC account can be opened in the form of
(A) Current account, SB account and TDR
(B) Current account and SB account
(C) Current account only
(D) Current account and TDR
(E) None of these
10. Which ATM network is sponsored by Indian Banks' Association?
(A) ATM Net (B) RBI Net
(C) SWADHAN (D) E-Money
(E) None of these
11. In respect of 'Door Step Banking', RBI has issued directives under the provisions of
(A) Reserve Bank of India Act, 1934
(B) Negotiable Instruments Act, 1881
(C) Banking Regulation Act, 1949
(D) Shops and Establishments Act
(E) Prevention of Money Laundering Act, 2002
12. Many banks have adopted/launched 'Core Banking Solution (CBS)'. Core Banking Solution is
(A) a marketing strategy adopted by the banks

- (B) a new type of ATM useful for rural population
 (C) a delivery channel for quick and fast delivery
 (D) a new product launched to hold senior citizens only as they are not able to visit branches/ATMs frequently
 (E) None of these
13. Which of the following states became the first state in the country to launch RBI's e-payment system for commercial tax payers?
 (A) Andhra Pradesh (B) Kerala
 (C) Gujarat (D) Maharashtra
 (E) Karnataka
14. In capital market, the term 'arbitrage' is used with reference to
 (A) purchase of securities to cover the sale
 (B) sale of securities to reduce the loss on purchase
 (C) simultaneous purchase and sale of securities to make profits from price
 (D) variation in different markets
 (E) None of the above
15. Which of the following countries has decided to join the newly formed BRICS Bank?
 (A) Indonesia (B) Sri Lanka
 (C) Bangladesh (D) Maldives
 (E) Bhutan
16. The Government launched Jan Dhan scheme to promote financial inclusion to help the poor open bank accounts which will come with the facility of a debit card and an insurance cover. What is the limit (in Rs.) of the insurance cover?
 (A) 2,00,000 (B) 1,00,000
 (C) 50,000 (D) 25,000
 (E) 15,000
17. RBI has recognised Micro Finance Institution (MFI) network as self-regulatory organisation for NBFC. MFIs are based on the recommendations of
 (A) Urjit Patel Committee
 (B) Nachiket Mor Committee
 (C) Shome Committee
 (D) Nayak Committee
 (E) Y. H. Malegam Committee
18. Capitalisation of reserves is carried out by issue of _____ to the existing shareholders.
 (A) additional shares (B) bonus shares
 (C) incentives (D) debentures
 (E) None of these
19. Scheduled Primary Co-operative Banks are required to provide _____ of their total advances to weaker sections.
 (A) 25% (B) 30%
 (C) 40% (D) 20%
 (E) 35%
20. Which is the first co-operative bank to introduce core banking?
 (A) Orissa State Co-operative Bank
 (B) Maharashtra State Sahakari Bank
 (C) Bombay Mercantile Co-operative Bank
 (D) Development Co-operative Bank
 (E) Deccan Merchants Co-operative Bank Ltd.
21. The Cash Ratio that the banks are required to keep with RBI is known as
 (A) Liquidity Ratio
 (B) Statutory Liquidity Ratio
 (C) Cash Reserve Ratio
 (D) Net Demand and Time Liability
 (E) None of these
22. Reserve Bank of India has authorised banks to approve limits relating to
 (A) Cash Reserve Ratio
 (B) Statutory Liquidity Ratio
 (C) Foreign Exchange Operations
 (D) Open Market Operations
 (E) None of these
23. Vishnu Vardhan is associated with which sport?
 (A) Squash (B) Tennis
 (C) Hockey (D) Snooker
 (E) Badminton
24. Which Indian state became the first ever state to e-auction limestone blocks?
 (A) Jharkhand (B) Rajasthan
 (C) Andhra Pradesh (D) Gujarat
 (E) Karnataka
25. Who won the 2016 Pulitzer Prize for fiction category?
 (A) T. J. Stiles
 (B) Peter Balakian
 (C) Viet Thanh Nguyen
 (D) Lin-Manuel Miranda
 (E) Micheal LaForgia
26. The National Civil Services Day is celebrated on which date in India?
 (A) April 22
 (B) April 21
 (C) April 20
 (D) April 19
 (E) April 18

27. Which Union Territory got the Jan Dhan Yojana Award on 2016 National Civil Services Day?
(A) Chandigarh (B) Dadra and Nagar Haveli
(C) Daman and Diu (D) New Delhi
(E) None of these
28. The RBI came out with which important exclusion in its draft guidelines for universal bank licences that were released during May 2016?
(A) Small industrial houses have been excluded from entering banking sector.
(B) Medium and large industrial houses have been excluded from entering banking sector.
(C) Medium industrial houses have been excluded from entering banking sector.
(D) Large industrial houses have been excluded from entering banking sector.
(E) Small and medium industrial houses have been excluded from entering banking sector.
29. Who was at the top in the 2016 Time's poll of 100 most influential people?
(A) Aung San Suu Kyi
(B) Narendra Modi
(C) Bernie Sanders
(D) David Cameroon
(E) Donald Trump
30. Who is the International Boxing Association (AIBA) ambassador for Women's World Championship?
(A) Aruna Mishra (B) Mary Kom
(C) Kavita Goyat (D) Jwala Gutta
(E) Akhila Kumari
31. In April 2016, the Nuclear Security Summit was held in
(A) The Netherlands
(B) The United States of America
(C) Russia
(D) South Korea
(E) France
32. Who won the 2016 Laureus World Sportsman of the Year Award?
(A) Novak Djokovic (B) Lewis Hamilton
(C) Usain Bolt (D) Andy Murray
(E) Roger Federer
33. Which of these is set to become the world's first city to have 5G network in 2018?
(A) Delhi (B) Toronto
(C) Islamabad (D) London
(E) Stockholm
34. In April 2016, with which of the following countries did India sign a Memorandum of Understanding (MoU) to provide fishing boats and fishing equipment?
(A) Bangladesh (B) Sri Lanka
(C) Myanmar (D) The Philippines
(E) Pakistan
35. In which of the following districts of Madhya Pradesh was the world's first white tiger safari inaugurated in April 2016?
(A) Indore (B) Jabalpur
(C) Satna (D) Bhopal
(E) Rajgarh
36. Which of the following companies won the nation's first-ever gold mining lease auctioned by the Chhattisgarh Government?
(A) National Mineral Development Corporation
(B) Vedanta Limited
(C) Hindustan Copper Limited
(D) National Aluminium Company Limited
(E) Rajasthan State Mines and Minerals Limited
37. In March 2016, India successfully test-fired indigenously built nuclear-capable intermediate range Agni-I ballistic missile. It is a/an _____ missile.
(A) air-to-air
(B) anti-ship
(C) surface-to-surface
(D) anti-tank guided
(E) anti-submarine
38. Which pair did the Bryan Brothers defeat to win the 'Barcelona Open Doubles Tennis' title in 2016?
(A) T. Huey and M. Mirnyi
(B) M. López and F. López
(C) J. Murray and B. Soares
(D) P. Cuevas and M. Granollers
(E) R. Štěpánek and D. Nestor
39. What is the full form of 'IMPS'?
(A) Interbank Mobile Payment Service
(B) Internet Mobile Payment Service
(C) Interconnect Mobile Payment Service
(D) Internet Money Payment Service
(E) Interconnect Money Payment Service
40. Who is the author of the book 'Forbidden Verses'?
(A) Jhumpa Lahiri (B) Salman Rushdie
(C) Abu Nuwaz (D) Khushwant Singh
(E) Chetan Bhagat

General English (40 Questions)

Directions for Questions 41 – 50: Read the passage and answer the following questions.

On arrival in England, I learned that Gopalakrishna Gokhale had been stranded in Paris where he had gone for reasons of health, and as communication between Paris and London had been cut off, there was no knowing when he would return. I did not want to go home without having seen him, but no one could say definitely when he would arrive.

What then was I to do in the meanwhile? What was my duty as regards the war? Sorabji Adajania, my comrade in jail and a Satyagrahi, was then reading for the bar in London. I had conferences with Dr. Jivraj Mehta and others who were pursuing their studies in England. In consultation with them, a meeting of the Indian residents in Great Britain and Ireland was called. I placed my views before them.

I felt that Indians residing in England ought to do their bit in the war. English students had volunteered to serve in the army, and Indians might do no less. A number of objections were taken to this line of argument. There was, it was contended, a world of difference between the Indians and the English. We were slaves and they were masters. How could a slave cooperate with the master in the hour of the latter's need? Was it not the duty of the slave, seeking to be free, to make the master's need his opportunity? This argument failed to appeal to me then (1914). I know the difference of status between an Indian and an Englishman, but I did not believe that we had been quite reduced to slavery. I felt then that it was more the fault of individual British officials than of the British system, and that we could convert them by love. If we would improve our status through the help and cooperation of the British, it was our duty to win their help by standing by them in their hour of need. Though the system was faulty, it did not seem to me to be intolerable, as it does today (1930). But if, having lost my faith in the system, I refuse to cooperate with the British Government today, how could those friends then do so, having lost their faith not only in the system but in the official as well?

The opposing friends felt that that was the hour for making bold declaration of Indian demands and for improving the status of Indians.

I thought that England's need should not be turned into our opportunity, and that it was more becoming and far-sighted not to press our demands while the war lasted. I therefore adhered to my advice and invited those who would to enlist as volunteers. There was a good response, practically all the provinces and all the religions being represented among the volunteers.

I wrote a letter to Lord Crewe, acquainting him with these facts, and expressing our readiness to be trained for ambulance work, if that should be considered a condition precedent to the acceptance of our offer.

Lord Crewe accepted the offer after some hesitation, and thanked us for having tendered our services to the Empire at that critical hour.

The volunteers began their preliminary training in first aid to the wounded under the well-known Dr. Cantlie. It was a short course of six weeks, but it covered the whole course of first aid.

London in these days was a sight worth seeing. There was no panic, but all were busy helping to the best of their ability. Able bodied adults began training as combatants, but what were the old, the infirm and the women to do? There was enough work for them, if they wanted. So they employed themselves in cutting and making clothes and dressings for the wounded.

41. The narrator and the opposing friends did not agree on the subject of
 - (A) improving the status of Indians in England
 - (B) help and cooperation with the British in the war
 - (C) freedom for Indians living in England
 - (D) the duties of Indian volunteers
 - (E) the way to help and improve the status of India
42. What did the author hold responsible for the condition of Indians earlier?
 - (A) The British system
 - (B) The British officials
 - (C) The natural order of things
 - (D) The mentality of Indians
 - (E) Treatment by the British
43. The preliminary training of the candidates
 - (A) covered the entire course of first-aid
 - (B) covered the entire course of medicine
 - (C) was unhelpful to the British army
 - (D) was a subject of great dispute
 - (E) met with a lukewarm response
44. How did the narrator try to tender services to the Empire at the critical hour?
 - (i) By enlisting in the army
 - (ii) By tending to the wounded through first-aid
 - (iii) By offering to train for ambulance work
 - (iv) By writing letters to high officials
 - (v) By cutting and sewing clothes
 - (A) Both (i) and (ii)
 - (B) Only (ii)
 - (C) Only (iii)
 - (D) Both (i) and (iii)
 - (E) Both (ii) and (iii)
45. What was Lord Crewe's reaction to the narrator's offer of help?
 - (i) Acceptance after hesitation

- (ii) Rejection after hesitation
 (iii) Gratitude
 (iv) Ungratefulness
 (v) Suspicion
 (A) Both (ii) and (iii)
 (B) Both (i) and (iii)
 (C) Both (iii) and (iv)
 (D) Only (iii)
 (E) Both (ii) and (v)
46. Which of these best describes wartime London as described in the passage?
 (A) A quaint, peaceful town badly struck by the war
 (B) A metropolis buzzing with its daily activities
 (C) A scared city awaiting capture
 (D) A city full of people helping in all manners
 (E) A panicky place full of daily casualties
47. Give the word that means the same as 'stranded' from the options given below.
 (A) Bound (B) Delayed
 (C) Thrown (D) Stuck
 (E) Remained
48. Give the word that means the opposite of 'preliminary' from the options given below.
 (A) Spare (B) Preceding
 (C) Final (D) Reserve
 (E) Primary
49. Give the word that means the opposite of 'infirm' from the options given below.
 (A) Frail (B) Feeble
 (C) Robust (D) Insecure
 (E) Unstable
50. Give the word that means the same as 'contended' from the options given below.
 (A) Guessed (B) Deemed
 (C) Negated (D) Asserted
 (E) Assumed
52. The _____ that a standing army and navy is the best security for peace is about as _____ as the claim that the most peaceful citizen is he who goes about heavily armed.
 (A) assertion, thoughtful
 (B) allegation, disputatious
 (C) explanation, meaningless
 (D) contention, logical
 (E) assumption, improbable
53. It is the _____ of selfishness as men, who fully _____ in their own case the great advantage of good education, deny these advantages to women.
 (A) parody, demand
 (B) height, appreciate
 (C) heights, assimilate
 (D) degree, appreciate
 (E) level, advance
54. He had the _____ to expose where the policies have gone wrong and the _____ to commend achievement of others.
 (A) audacity, insolence
 (B) harmony, pride
 (C) boldness, equipoise
 (D) hierarchy, regime
 (E) impertinence, symmetry
55. For those puritans who believed that _____ obligations were imposed by divine will, the correct course of action was not withdrawal from the world but conscientious _____ of the duties of business.
 (A) practical, mystification
 (B) inherent, manipulation
 (C) worldly, discharge
 (D) earthy, disavowal
 (E) trying, moderation

Directions for Questions 51 – 55: Each sentence below has two blanks, each blank indicating that something has been omitted. Choose the set of words for each blank that best fits the meaning of the sentence as a whole.

51. The government will _____ legally enforceable penalties on companies _____ on quality and quantity of coal supplies to bulk consumers.
 (A) wallop, moaning
 (B) mete out, excluding
 (C) etude, jabbing
 (D) slap, defaulting
 (E) load, loping

Directions for Questions 56 – 65: In the following passage, there are blanks, each of which is numbered. These numbers are printed below the passage and against each five words/phrases are suggested, one of which fits the blank appropriately. Find out the appropriate word/phrase in each case.

The Tohsaka mansion, ___56___ in the western part of the residential zone in Fuyuki city, was one of the oldest buildings in the area. In fact, if you asked the head of the house, Tokiomi Tohsaka, he would gladly tell you that it may very well be one of the houses that ___57___ the Fuyuki city. His great-great-grandfather visited Japan on one of his travels as a young man, saw the beautiful river ___58___ decided that he would spend his life there. Couple of decades later, he, by now a well-known jeweller in Germany, left the ___59___ growing country ___60___ his dream of living the rest of his life in beautiful Japan. With his two hands, and together with

many Germans he brought with him, they built the Tohsaka mansion from ___61___. Many of the workers returned back to their families in Germany, but some stayed back, becoming servants of the Tohsaka family for generations to come.

Of course, this was only according to Tohsaka family. If you asked the Matou household, ___62___ was just as old as Tohsaka family there was a very big chance you would hear the same story, with just a few minor changes. ___63___, there was no denying that Tohsaka family was one of the most ___64___ families in the city. Their business ___65___, and even today, people from all around the region come to this town in search for a jewel that will shine as bright as their future.

56. (A) living (B) residing
(C) existed (D) situated
(E) parked
57. (A) established (B) deposited
(C) fixed (D) connected
(E) shrouded
58. (A) but (B) though
(C) and (D) however
(E) yet
59. (A) fastly (B) frequently
(C) haughtily (D) rapidly
(E) deeply
60. (A) pursuing (B) continuing
(C) working (D) maintaining
(E) running
61. (A) scratch (B) dirt
(C) scrap (D) junk
(E) shred
62. (A) who (B) it
(C) which (D) those
(E) this
63. (A) Even if (B) However
(C) Although (D) Until
(E) Even though
64. (A) richest (B) strong
(C) influential (D) leading
(E) unproductive
65. (A) jumped (B) boomed
(C) burst (D) grown
(E) declined

Directions for Questions 66 – 70: Rearrange the following six sentences 1, 2, 3, 4, 5 and 6 in the proper sequence to form a meaningful paragraph; and then answer the questions given below them.

1. Early Vedic Aryans were organized into tribes rather than kingdoms.
 2. Arthur Llewellyn Basham, a noted historian and indologist, theorizes that *sabha* was a meeting of great men in the tribe, whereas *samiti* was a meeting of all free tribesmen.
 3. The chief of a tribe was called a *rajan*.
 4. Though, the distinction between the two bodies is not clear.
 5. The two bodies were, in part, responsible for the governance of the tribe.
 6. The autonomy of the *rajan* was restricted by the tribal councils called *sabha* and *samiti*.
-
66. What should be the first line of the given passage?
(A) 1 (B) 2 (C) 3
(D) 4 (E) 5
 67. What should be the fourth line of the given passage?
(A) 1 (B) 2 (C) 3
(D) 4 (E) 5
 68. What should be the second line of the given passage?
(A) 1 (B) 2 (C) 3
(D) 5 (E) 6
 69. What should be the third line of the given passage?
(A) 1 (B) 2 (C) 3
(D) 4 (E) 6
 70. What should be the last line of the given passage?
(A) 1 (B) 2 (C) 3
(D) 4 (E) 5

Directions for Questions 71 – 75: In each question below, a sentence with four words/phrases printed in bold type is given. These are lettered as (A), (B), (C) and (D). One of these four words/phrases printed in bold may be either wrongly spelt or inappropriate in the context of the sentence. Find out the word/phrase which is wrongly spelt or inappropriate, if any. The letter of that word/phrase is your answer. If all the words/phrases printed in bold are correctly spelt and also appropriate in the context of the sentence, mark (E), i.e. 'All correct' as your answer.

71. But her effort shows what **can** be achieved with hard work, and should serve **for** an inspiration for boys and girls **across** the country and prompt the government **to** improve facilities for gymnastics.
(A) can (B) for
(C) across (D) to
(E) All correct
72. The lecture **provided** him with an opportunity **to** meet one of his **hero** whom he **adores** eternally.
(A) provided (B) to
(C) hero (D) adores
(E) All correct

73. Dr. Jacobson **stood up** during the recent town hall **meeting** and declared that building a new shopping centre **at the** corner of George and Vidalia streets would **have been** a bad move.
 (A) stood up (B) meeting
 (C) at the (D) have been
 (E) All correct
74. England **played** well in the first half. **However**, in the second half, their **weakness** were **revealed**.
 (A) played (B) However
 (C) weakness (D) revealed
 (E) All correct
75. Despite **their** lucky **escape**, Jason and his brother could **not** hardly enjoy **themselves**.
 (A) their (B) escape
 (C) not (D) themselves
 (E) All correct

Directions for Questions 76 – 80: Each of the following sentences tests your ability to recognize grammar and usage errors. The sentence contains either a single error or no error at all. The sentence does not contain more than one error. The error, if there is one, is lettered. If the sentence contains an error, select the letter that must be changed to make the sentence correct. If the sentence is correct, select (E), i.e. No error.

76. (A) In my opinion I think
 (B) the government's efforts
 (C) to pave the dirt roads
 (D) entirely failed.
 (E) No error
77. (A) England grew prosperous
 (B) between
 (C) the reign of
 (D) Queen Victoria.
 (E) No error
78. (A) There is a belief
 (B) in the Hindus that
 (C) the soul is immortal
 (D) and will be reborn.
 (E) No error
79. (A) As I was walking down
 (B) the street,
 (C) a boy appeared
 (D) riding in a bicycle.
 (E) No error
80. (A) Though he is
 (B) intelligent,
 (C) I expect him
 (D) to get good marks.
 (E) No error

Quantitative Aptitude (40 Questions)

Directions for Questions 81 – 85: What approximate value will come in place of the question mark (?) in each of the following questions? (You are not expected to calculate the exact value.)

81. $\sqrt{3100} \times \sqrt{567} \div \sqrt{250} = ? \div 8$
 (A) 620 (B) 670 (C) 770
 (D) 750 (E) 700
82. 22.005% of 449.999 = ?
 (A) 85 (B) 100 (C) 125
 (D) 75 (E) 150
83. 30.06% of 499 + 39.99% of 799 = ?
 (A) 475 (B) 465 (C) 440 (D) 470
 (E) 460
84. 39% of 695 = 10% of ?
 (A) 2780 (B) 2400
 (C) 3200 (D) 3100
 (E) 2500
85. $5461.97 - 4270.01 + 2102.99 + ? = 3303.99$
 (A) 90 (B) 9
 (C) 19 (D) 11
 (E) 17

Directions for Questions 86 – 90: What should come in place of the question mark (?) in each of the following questions?

86. $\frac{150}{17} \times \frac{199}{13} \div \frac{16}{91} = ?$
 (A) 650 (B) 700 (C) 770
 (D) 820 (E) 850
87. $1\frac{1}{4} + 1\frac{5}{9} \times 1\frac{5}{8} \div 6\frac{1}{2} = ?$
 (A) 17 (B) 27 (C) 42
 (D) 18 (E) None of these
88. $8^{1.1} \times 4^{2.7} \times 2^{3.3} = 2^?$
 (A) 7.1 (B) 14 (C) 0.5
 (D) 9 (E) None of these
89. $\frac{74 \times 4 + 18 \times 3}{\sqrt{441} \times 5 + 139} = ?$
 (A) $\frac{1}{4}$ (B) $\frac{1}{2}$ (C) $\frac{2}{3}$
 (D) $\frac{3}{5}$ (E) None of these

90. $\sqrt{7^2 \times 24 \times 2 - (11)^3} + 3 = ?$
 (A) 42 (B) 1024 (C) 1764
 (D) 1624 (E) 32

Directions for Questions 91 – 95: Complete the following series.

91. 4, 7, 13, 25, 49, _____.
 (A) 97 (B) 101 (C) 43
 (D) 84 (E) 50
92. 16, ____, 33, 50, 83, 133.
 (A) 19 (B) 17 (C) 20
 (D) 23 (E) 27
93. 1, 2, 6, 24, 120, 720, _____.
 (A) 6080 (B) 5680
 (C) 1440 (D) 5040
 (E) None of these
94. 729, 243, 81, 27, _____.
 (A) 18 (B) 9 (C) 3
 (D) 15 (E) None of these
95. 9, 15, 27, 51, 99, _____.
 (A) 165 (B) 195 (C) 180
 (D) 190 (E) None of these
96. Ram invested a certain amount of money and earned a compound interest of Rs. 420 in the second year and Rs. 462 in the third year. At what rate of interest did Ram invest?
 (A) 9% (B) 10%
 (C) 11% (D) None of these
 (E) Cannot be determined
97. A man borrows money at 6% per annum, interest payable yearly, and lends it immediately at 6% per annum, compound interest payable half-yearly, and thereby gains Rs. 45 at the end of the year. What was the sum borrowed?
 (A) Rs. 50,000 (B) Rs. 40,500
 (C) Rs. 55,000 (D) Rs. 60,000
 (E) None of these
98. Harish bought a horse for Rs. 20,000 and sold it to Monika at a gain of 20%. Monika sold it to Sonu at a loss of 5%. Find its cost price to Sonu.
 (A) Rs. 22,800 (B) Rs. 25,000
 (C) Rs. 26,800 (D) Cannot be determined
 (E) None of these
99. A watch was sold at a loss of 10 percent. Had it been sold for Rs. 70 more, there would have been a gain of 4 percent. What was the CP of the watch?
 (A) Rs. 475 (B) Rs. 500
 (C) Rs. 550 (D) Rs. 600
 (E) Rs. 675
100. A cistern can be filled by pipes A and B in 12 minutes and 16 minutes, respectively. When the tank is full, it can be emptied by a third pipe C in 8 minutes only. If all the taps are turned on at the same time, the cistern will be filled in
 (A) 20 minutes (B) 24 minutes
 (C) 36 minutes (D) 48 minutes
 (E) 45 minutes
101. Ram lent Rs. 800 to one friend for 2 years and one-fourth of that amount to another friend for 3 years. He received Rs. 275 in total as simple interest. What is the rate of interest?
 (A) 10% (B) 12.5%
 (C) 15% (D) 17.5%
 (E) None of these
102. The amount of work done by a man on n^{th} day after starting a piece of work is n times of what can be done on the first day. If 8 men started the work, it can be completed in 10 days. If only one man starts the work, what is the minimum number of days that he requires to complete the work?
 (A) 20 (B) 25 (C) 30
 (D) 35 (E) 80
103. A certain sum of money, when deposited in a post office, becomes $\frac{7}{5}$ of itself in 8 years. A sum deposited in a fixed deposit in a bank doubles itself in 12.5 years. What is the difference between the rates of interest of the post office and the bank?
 (A) 3% (B) 5% (C) 8%
 (D) 10% (E) None of these
104. Rocky bought a coat for Rs. 26.01 after getting 15% discount and paying 2% tax on discounted price. What was the marked price?
 (A) Rs. 29.91 (B) Rs. 30.00
 (C) Rs. 29.31 (D) Rs. 25.00
 (E) Rs. 25.50
105. The ratio of milk to water in a mixture is 2 : 3 and the ratio of water to milk in another mixture is 3 : 4. If 70 litres of each mixture is added to 100 litres of pure milk, what will be the ratio of milk to water now?
 (A) 3 : 4 (B) 4 : 5
 (C) 5 : 2 (D) 7 : 3
 (E) 7 : 2
106. The speed of a boat in still water is 15 kmph and the speed of the current is 3 kmph. Wind of speed 2 kmph is blowing in the opposite direction of the current. The distance travelled by the boat downstream in 15 minutes is
 (A) 4 km (B) 3.5 km
 (C) 5 km (D) 4.5 km

- (E) None of these
107. P can do a piece of work in 30 days while Q alone can do it in 40 days. In how many days can P and Q together do it?
 (A) $17\frac{1}{7}$ (B) $27\frac{1}{7}$
 (C) $42\frac{1}{7}$ (D) 70
 (E) None of these
108. If a man walks to his office and drives back home, the entire trip takes an hour and a half. When he drives both ways, it takes him only 30 minutes. How long would he take if he walks both ways?
 (A) 1.5 hours (B) 2 hours
 (C) 2.15 hours (D) 2.5 hours
 (E) 2.25 hours
109. In a cocktail, there was a mixture of alcohol and juice. The price of the mixture of 30 ml of alcohol and 90 ml of juice is Rs. 120. The price of the alcohol increases by 20% and the price of juice increases by 30%. Now, the same cocktail costs Rs. 150. What are the old prices of 100 ml of alcohol and 100 ml of juice?
 (A) Rs. 200, Rs. 66.67
 (B) Rs. 100, Rs. 33.33
 (C) Rs. 200, Rs. 77.77
 (D) Rs. 166.67, Rs. 100
 (E) Rs. 66.87, Rs. 200
110. One man works for 10 hours a day for 3 days to finish a piece of work. A boy finishes the same work in 5 days working 18 hours a day. How many boys are required to do the work in the time taken by one man?
 (A) 3 boys (B) 2 boys
 (C) 4 boys (D) 5 boys
 (E) 6 boys
111. The cost of 10 gel pens is Rs. 200 and the cost of 20 ball pens is Rs. 300. Find the ratio of the cost of a gel pen to the cost of a ball pen.
 (A) 4 : 5 (B) 4 : 3
 (C) 5 : 3 (D) 4 : 7
 (E) 1 : 3
112. If 6 years ago, the ratio of ages of A and B was 10 : 7 and 9 years hence, the ratio will be 13 : 10, then their respective present ages are
 (A) 56 years and 41 years
 (B) 50 years and 35 years
 (C) 39 years and 30 years
 (D) 56 years and 31 years
 (E) None of these

113. In a mixture of 60 litres, the ratio of milk and water is 2 : 1. If the ratio of milk and water needs to be 1 : 2, then the amount of water (in litres) to be added further is
 (A) 20 (B) 30 (C) 40
 (D) 50 (E) 60
114. The ratio of the prices of a motorcycle and a bicycle is 31 : 2. If the motorcycle costs Rs. 14,500 more than the bicycle, what is the cost of the bicycle?
 (A) Rs. 1000 (B) Rs. 2000
 (C) Rs. 580 (D) Rs. 1160
 (E) None of these
115. The ratio of length to perimeter of a rectangular plot is 1 : 3 and the ratio of breadth to perimeter of that plot is 1 : 6. What is the ratio of length to area of that plot?
 (A) 2 : 1 (B) 1 : 6
 (C) 1 : 8 (D) Cannot be determined
 (E) None of these

Directions for Questions 116 – 120: In the table, the number of applications received (in hundreds) for six different specialist posts by six different banks in a year is given. Study the table carefully and answer the questions given below.

Post → Bank ↓	P	Q	R	S	T	U
A	25.5	38.4	43.7	18.8	28.3	40.6
B	35.3	44.2	42.0	26.6	31.2	35.9
C	38.8	41.1	38.6	23.9	24.4	23.3
D	26.6	39.6	47.2	15.4	38.9	28.5
E	29.0	35.5	30.3	29.1	42.0	20.9
F	32.3	33.4	37.8	22.4	30.3	41.8

116. Which specialist post had the maximum number of applications from all the banks?
 (A) P (B) Q (C) T
 (D) R (E) U
117. Which bank received the least number of applications for all specialist posts?
 (A) D (B) A (C) C
 (D) E (E) B
118. What is the average number of applications received by bank F for all the specialist posts?
 (A) 33 (B) 3450
 (C) 3300 (D) 34.5
 (E) 33000

119. The number of applications received for specialist post T by bank C is approximately what percent of that received by bank B?
 (A) 58% (B) 78% (C) 63%
 (D) 86% (E) 92%
120. What is the ratio of number of applications received by banks D, E and F for specialist post S

- to that of those received by banks A, B and C for the same post?
 (A) 223 : 231 (B) 215 : 283
 (C) 231 : 223 (D) 283 : 215
 (E) 223 : 241

Reasoning Ability (40 Questions)

Directions for Questions 121 – 123: In each of the following items, a question and two statements numbered I and II are given. You have to decide whether the data provided in the statements are sufficient to answer the question.

- (A) Statement (I) alone is sufficient, but statement (II) alone is not sufficient.
 (B) Statement (II) alone is sufficient, but statement (I) alone is not sufficient.
 (C) Both statements (I) and (II) together are sufficient, but neither statement alone is sufficient.
 (D) Either statement (I) or statement (II) alone is sufficient.
 (E) Statements (I) and (II) together are not sufficient.

121. What is the present age of Rita?

Statements:

- (I) Rita is 4 years younger than Leena.
 (II) Leena will be celebrating her 14th birthday next year.

122. Who amongst A, B, C, D and E is the tallest?

Statements:

- (I) Each of A, B, C, D and E has a different height.
 (II) D is shorter than only A.

123. How is 'walk' written in a code language?

Statements:

- (I) 'morning walk is good' is written as 'na pa ta sa' in that code language.
 (II) 'wish you good morning' is written as 'la na sa da' in that code language.

Directions for Questions 124 – 128: Answer the given questions based on the following information.

Four boys (K, L, M, N) and four girls (W, X, Y, Z) are going for a picnic in two cars. Each car holds exactly four people and the groups of people in the two cars follow these conditions:

There are exactly two boys and two girls in each car. Either K or L, but not both, must be in the first car. If W is in the first car, then M must also be in the first car. If Y is in the first car, then L cannot be in the first car.

124. If W is in the first car, which of the following must be in the second car?

- (A) M (B) N (C) X
 (D) Y (E) None of these

125. If L is in the first car, which of the following can be the other three people in the first car?

- (A) K, X, Z (B) M, N, W
 (C) M, W, X (D) M, X, Y
 (E) None of these

126. If L, N and X are in the first car, which of the following CANNOT be in the second car?

- (A) K (B) M (C) W
 (D) Z (E) None of these

127. If X and Z are in the second car, which of the following boys must be in the first car?

- (A) L and M (B) L and N
 (C) K and L (D) K and M
 (E) None of these

128. Suppose Y is in the first car and M is in the second car. Which of the following statements, if true, makes it possible to identify all the people in both the cars?

- (A) L is in the second car.
 (B) W is in the second car.
 (C) Z is in the second car.
 (D) K is in the first car.
 (E) None of these

Directions for Questions 129 – 133: Study the following information and answer the questions given below.

Aditya invites his seven friends, three boys and four girls, to a dinner party. They will be seated at a circular table. Juli wants to be seated between Harry and Manish. Kavya is seated third to the right of Manish and she is not the neighbour of Jameel. Navya is seated to the right of Aditya. Shreya is not seated next to Aditya. Jameel and Harry are seated diametrically opposite to each other. They are seated alternately by gender.

129. Who is seated third to the left of Aditya?

- (A) Juli (B) Harry
 (C) Shreya (D) Jameel
 (E) Manish

130. How many persons are seated between Shreya and Kavya?
 (A) 1 (B) 2 (C) 3
 (D) 4 (E) 5
131. Which of the following statements is correct?
 (A) Navya is seated to the left of Harry.
 (B) Juli is seated between Shreya and Jameel.
 (C) Kavya is seated opposite to Shreya.
 (D) Aditya is seated to the right of Shreya.
 (E) Jameel is seated next to Kavya.
132. Which of the following combinations will not be found on the dining table?
 (A) Shreya - Jameel - Juli
 (B) Jameel - Navya - Aditya
 (C) Aditya - Kavya - Harry
 (D) Harry - Juli - Manish
 (E) Manish - Shreya - Jameel
133. What is the position of Aditya with respect to Juli?
 (A) Fourth to the right
 (B) Third to the right
 (C) Third to the left
 (D) Fifth to the right
 (E) Second to the left
134. In a certain code, if DURATION is written as VESJUIOP, how is FORECAST written in that code?
 (A) PGSFBDTU (B) PGFSUTBD
 (C) PGSFUTBD (D) PGFSBDUT
 (E) None of these

Directions for Questions 135 – 136: Study the following information carefully and answer the questions that follow.

'Please give your pen' is written as '1a 2b 3c 4d'.

'Your questions is important' is written as '5e 6f 2b 7g'.

'Important person keep pen' is written as '7g 4d 8h 9i'.

'Keep strong questions please' is written as '6f 8h 3c 4j'.

135. What is the code for 'person'?
 (A) 2b (B) 9i (C) 3c
 (D) 4d (E) None of these
136. What is the code for 'please'?
 (A) 4d (B) 9i (C) 3c
 (D) 2b (E) None of these
137. In a certain code language, 'how can you go' is written as 'ja da ka pa', 'can you come here' is written as 'na ka sa ja' and 'come and go' is written as 'ra pa sa'. How is 'here' written in that code language?
 (A) ja (B) na (C) pa
 (D) Data inadequate (E) None of these

Directions for Questions 138 – 142: Each of the questions below consists of four statements followed by four conclusions numbered I, II, III and IV. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follow(s) from the given statements disregarding commonly known facts.

138. **Statements:**
 Some chairs are tables.
 Some gates are chairs.
 All gates are doors.
 All doors are windows.
Conclusions:
 I. All windows are gates, is a possibility.
 II. All chairs are doors, is a possibility.
 III. Some doors are chairs.
 IV. Some tables are windows.
 (A) All follow (B) Only II and III follow
 (C) Only IV follows (D) Either I or III follows
 (E) None of these
139. **Statements:**
 Some scooters are vans.
 Some vans are trains.
 All aeroplanes are trains.
 All trucks are vans.
Conclusions:
 I. Some aeroplanes are trucks.
 II. Some scooters are trains.
 III. No truck is train.
 IV. Some vans are aeroplanes.
 (A) None follows
 (B) Only II and III follow
 (C) Only III and IV follow
 (D) Only I and III follow
 (E) All follow
140. **Statements:**
 Some stoves are ovens.
 All ovens are cylinders.
 Some engines are stoves.
 Some metals are cylinders.
Conclusions:
 I. Some ovens are metals.
 II. Some cylinders are stoves.
 III. Some ovens are engines.
 IV. Some cylinders are engines.
 (A) Only IV follows
 (B) Only II and I follow
 (C) Only II and III follow
 (D) Only III follows
 (E) Only II follows
141. **Statements:**
 All spoons are bowls.
 All bowls are pans.
 All pans are sticks.
 All sticks are knives.

Conclusions:

- I. Some knives are pans.
- II. Some sticks are bowls.
- III. Some pans are spoons.
- IV. Some knives are bowls.
- (A) Only I and II follow
- (B) Only II and III follow
- (C) Only I and IV follow
- (D) All follow
- (E) None of these

142. **Statements:**

All stones are hammers.
No hammer is ring.
Some rings are doors.
All doors are windows.

Conclusions:

- I. Some windows are stones.
- II. Some windows are rings.
- III. No window is stone.
- IV. Some rings are stones.
- (A) Only I follows
- (B) Only II follows
- (C) Only III follows
- (D) Either I or III and II follow
- (E) Either I or III follows

Directions for Questions 143 – 147: Study the following arrangement carefully and answer the questions given below:

B M % R 3 J @ K © D F 6 9 W 4 * N E P 2
\$ A Y 5 I Q Z # 7 U G

143. Which of the following is sixth to the left of the twentieth from the left end of the above arrangement?
(A) J (B) Q (C) W
(D) E (E) None of these
144. If all the symbols and all the vowels are dropped from the above arrangement, which of the following will be twelfth from the right end?
(A) 9 (B) 6 (C) P
(D) Y (E) None of these
145. How many such consonants are there in the above arrangement that are immediately preceded by a symbol and immediately followed by a number?
(A) None (B) One
(C) Two (D) Three
(E) More than three
146. How many such numbers are there in the above arrangement, each of which is immediately preceded by a letter, but not immediately followed by a letter?

- (A) None (B) One
- (C) Two (D) Three
- (E) More than three

147. What should come in the place of question mark (?) in the following series based on the above arrangement?

M R J © F 9 * E 2 ?
(A) Y 5 1 (B) Y I Q
(C) A 5 Q (D) Y I Z
(E) None of these

Directions for Questions 148 –150: In each of the following questions, a statement is followed by two assumptions I and II. You are to consider the statement and the assumptions that follow and decide which of the assumptions is/are implicit in the statement. Mark your answer as

- (A) if only assumption I is implicit
- (B) if only assumption II is implicit
- (C) if either assumption I or II is implicit
- (D) if both assumptions I and II are implicit
- (E) if neither assumption I nor II is implicit

148. **Statement:**

The accident occurred because the car collided with a truck travelling at a very slow speed.

Assumptions:

- I. The car must have been travelling at a speed greater than that of the truck.
- II. The car must have hit the truck from the back.

149. **Statement:**

The fighter plane had to crash-land an hour after it took off.

Assumptions:

- I. The plane might have been hit by a bird.
- II. The plane might have run short of fuel.

150. **Statement:**

Multinational fast food chains are opening up a large number of Plus Coffee Shops with piped modern music in different cities of India and these are serving various snacks with coffee.

Assumptions:

- I. A large number of people may become regular customers of these coffee shops.
- II. People will like to enjoy the comfortable environment while drinking coffee with snacks.

151. Anil was facing South. He turns right and walks 20 m. Then, he turns right again and walks 10 m. Finally, he turns right again and walks 60 m. In which direction is he from the starting point?
(A) North (B) North-East
(C) North-West (D) East
(E) South

152. If 'B × C' means 'B is the daughter of C', 'B + C' means 'B is the husband of C' and 'B - C' means 'B is the sister of C', then what does 'M + N - P × Q' mean?

(A) M is the brother-in-law of Q.
 (B) M is the uncle of Q.
 (C) M is the son-in-law of Q.
 (D) Q is the daughter-in-law of M.
 (E) None of these

153. If 'A × D' means 'A is the sister of D', 'A + D' means 'D is the daughter of A' and 'A ÷ D' means 'A is the mother of D', then how will 'N as the aunt of M' be denoted?

(A) $M + L \times N$ (B) $M \div L + N$
 (C) $L \div N \div M$ (D) $N \times L \div M$
 (E) None of these

154. Consider the following codes and answer the question.

'A / B' means 'B is the sister of A'.
 'A + B' means 'B is the wife of A'.
 'A - B' means 'B is the brother of A'.
 'A % B' means 'B is the father of A'.

Which of the following relations shows that 'X is the maternal uncle of Y'?

(A) $Y \% P + Q - X$ (B) $Y + P \% Q - X$
 (C) $X + P - Q \% Y$ (D) $X \% P + Y - Q$
 (E) $X + Y / Q \% P$

155. A person travels 12 km towards South and then travels 5 km to the right. He then travels 15 km to the right and finally travels 5 km towards East. How far is he from the starting place?

(A) 5.5 km (B) 3 km
 (C) 13 km (D) 6.4 km
 (E) None of these

Directions for Questions 156 – 160: In the following questions, the symbols @, #, ©, % and * are used with the following meanings as illustrated below:

'P © Q' means 'P is either greater than or equal to Q'.

'P @ Q' means 'P is either smaller than or equal to Q'.

'P # Q' means 'P is smaller than Q'.

'P % Q' means 'P is neither greater than nor smaller than Q'.

'P * Q' means 'P is greater than Q'.

Now in each of the following questions, assuming the given statements to be true, find which of the two conclusions I and II is/are definitely true. Mark your answer as:

(A) if only conclusion I is true
 (B) if only conclusion II is true
 (C) if either conclusion I or II is true
 (D) if both conclusions I and II are true
 (E) if neither conclusion I nor II is true

156. **Statements:**

B # F, F @ W, W © M

Conclusions:

I. M % F
 II. B # W

157. **Statements:**

W % V, V # K, K @ D

Conclusions:

I. D * W
 II. W # K

158. **Statements:**

B © D, D # R, R @ M

Conclusions:

I. M * B
 II. M * D

159. **Statements:**

M % R, R * T, T © J

Conclusions:

I. J # M
 II. T # M

160. **Statements:**

H * T, T @ J, J © K

Conclusions:

I. H * J
 II. T © K

Computer Ability (40 Questions)

161. Every computer connected to intranet or extranet must have a distinct

(A) firewall (B) proxy server
 (C) IP address (D) domain name
 (E) None of these

162. Google is an example of

(A) e-mail (B) spam
 (C) search engine (D) restricted website
 (E) None of these

163. Which of the following operating systems can support multiple CPUs?

(A) Real-time (B) Multiprocessing
 (C) Multitasking (D) Both (A) and (C)
 (E) None of these

164. Which of the following Online Office suites allows the customers the use of Microsoft Office apps on Windows and OS X?

(A) Microsoft Azure (B) Microsoft Cloud
 (C) Office 365 (D) Office 360
 (E) None of these

165. Which of the following shortcut key combinations in MS Word is used to run a Thesaurus check on the selected word?
 (A) Shift + F1 (B) Shift + F3
 (C) Shift + F5 (D) Shift + F7
 (E) Shift + F12
166. Each device connected to a computer network is assigned a/an _____ to enable other connected devices to identify its name and location.
 (A) Network Interface Card
 (B) IP Address
 (C) Subnet Mask
 (D) Router
 (E) IP Server
167. A _____ is a high speed network connecting multiple local area networks, thereby covering a larger geographical area such as city or town.
 (A) WAN
 (B) MAN
 (C) Peer-to-peer network
 (D) PAN
 (E) WLAN
168. WiMAX stands for _____.
 (A) Wireless Interoperability for Microwave Access
 (B) Wireless Internet using Microwave Access
 (C) Worldwide Interoperability for Microwave Access
 (D) Worldwide Internet for Microwave Access
 (E) Worldwide Interoperability for Multimedia Access
169. Which type of operating system has fixed time constraints and guarantees response to events within fixed time periods to ensure correct system performance?
 (A) Real Time OS (B) Batch OS
 (C) Time-sharing OS (D) Distributed OS
 (E) Network OS
170. Which of the following shortcut key combinations is used to increase the font size of selected text in MS Word by one point?
 (A) Ctrl + + (B) Ctrl +]
 (C) Ctrl + [(D) Ctrl + Shift +]
 (E) Ctrl + F
171. Which of the following are most widely used to securely store a product's information in the form of visual patterns of black and white bars?
 (A) Magnetic Characters
 (B) Barcodes
 (C) Encoders
 (D) Dot Matrices
 (E) None of the above
172. Which language is used to design web pages?
 (A) HTML (B) HTTP
 (C) URL (D) Assembly language
 (E) Machine language
173. _____ refers to an address to a resource on World Wide Web.
 (A) HTTP (B) URL
 (C) HTML (D) Server
 (E) None of the above
174. _____ is a system package that helps to access web pages, images and other online resources.
 (A) Server (B) FTP Client
 (C) Browser (D) Firmware
 (E) System Client
175. 1 terabyte comprises _____ megabytes.
 (A) 1000 (B) 1024
 (C) 1024 X 1024 (D) 1024 X 1024 X 1024
 (E) None of the above
176. Which is the most basic function of CPU?
 (A) Fetching instructions from memory
 (B) Performing arithmetic and logic operations
 (C) Executing instructions
 (D) Fetching, decoding and executing instructions
 (E) Getting inputs
177. Which are the two different types of CPUs mainly used in modern desktop systems?
 (A) 32-bit CPUs and 64-bit CPUs
 (B) 8-bit CPUs and 16-bit CPUs
 (C) 16-bit CPUs and 32-bit CPUs
 (D) 64-bit CPUs and 108-bit CPUs
 (E) 32-bit CPUs and 60-bit CPUs
178. What is word size of the CPU?
 (A) Maximum number of calculations per second
 (B) The rate at which instructions are executed
 (C) The size of data that a CPU handles
 (D) Processes which a CPU can execute simultaneously
 (E) All of these
179. Which of the following is not an example of CPU?
 (A) Intel (B) Pentium (C) IBM
 (D) ARM (E) AMD
180. The maximum number of calculations per second that a processor can perform is measured in
 (A) hertz (B) gigahertz
 (C) degree/hour (D) revolution/second
 (E) radian

181. A component that stores data so that the future requests for that data can be served faster is called
(A) disk (B) system clock
(C) assembler (D) cache (E) CPU
182. Which memory can be directly accessed by the processor?
(A) Primary memory (B) Secondary memory
(C) Compact disk (D) Both (A) and (C)
(E) None of these
183. Which component of primary memory is used to distribute software which is very closely tied to specific hardware, and unlikely to need frequent updates?
(A) Cache memory
(B) Virtual memory
(C) Random access memory
(D) Read only memory
(E) None of these
184. DRAM is an acronym for
(A) Digital Read Access Memory
(B) Dynamic Random Access Memory
(C) Digital Random Access Memory
(D) Dynamic Read Access Memory
(E) None of these
185. Which memory is not directly accessed by CPU, but is accessed via input-output routines?
(A) RAM (B) ROM
(C) EROM (D) Secondary memory
(E) Primary memory
186. The keys on computer keyboards are often classified as
(A) function keys
(B) alphanumeric keys and punctuation keys
(C) special keys
(D) Both (A) and (B)
(E) Both (B) and (C)
187. Which key is also known as super shift key?
(A) Ctrl (B) Alt
(C) Shift (D) F2
(E) F7
188. Which key is used in combination with other keys to perform a specific function?
(A) Ctrl (B) Alt
(C) Shift (D) Insert
(E) Num Lock
189. Which key, when pressed, moves the cursor in the forward direction to the next tab stop position?
(A) Insert (B) Esc
(C) Tab (D) Spacebar
(E) Enter
190. What do we call the special character displayed on the screen which informs about the current typing position?
(A) icon (B) GUI
(C) cursor (D) All of these
(E) None of these
191. The three types of monitors used in a computer system are
(A) CRD, LCD and LED
(B) CRT, LCD and LED
(C) CRB, LCD and LED
(D) CAT, LCD and LED
(E) CCD, LCD and LED
192. Identify the type(s) of character printer.
(A) Drum printer
(B) Chain printer
(C) Dot matrix printer
(D) Laser printer
(E) All of these
193. Low end laser printers can print
(A) 30 - 600 characters per second
(B) 40 - 300 characters per second
(C) 300 - 2000 lines per minute
(D) 4 - 12 pages per minute
(E) 400 - 3000 lines per minute
194. The acronym of WMA multimedia file format stands for
(A) Wave Multimedia Audio
(B) Windows Media Audio file
(C) Windows Multimedia Audio
(D) Windows Media Access file
(E) Wave Music Audio
195. Which is a type of computer program that is designed to run a computer's hardware and application programs?
(A) Firmware (B) Hardware
(C) System software (D) Application software
(E) BIOS
196. What converts the more general input/output instructions of an operating system to messages that the device type can understand?
(A) System program
(B) Application program
(C) Input/output program
(D) Device driver program
(E) None of these
197. Which of the following are special programs which process instructions written in a particular programming language and then turn them into machine code that a computer's processor understands?

- (A) Assemblers
 - (B) Interpreters
 - (C) Compilers
 - (D) Both (A) and (B)
 - (E) Both (B) and (C)
198. The early electronic computers, called the first generation computers, were based on
- (A) transistors
 - (B) cathode ray tubes
 - (C) integrated circuits
 - (D) vacuum tubes
 - (E) None of these
199. Which of the following is a set of programs that controls all hardware, software and other computer resources?
- (A) Source program
 - (B) Object program
 - (C) Operating system
 - (D) Compiler
 - (E) None of these
200. FORTRAN is a/an
- (A) high-level language
 - (B) machine language
 - (C) assembly language
 - (D) fourth generation language
 - (E) None of these

IBPS Clerical (Mains) Mock Test – 2

General/Financial Awareness (40 Questions)

1. Which category of accounts is opened under financial inclusion?
(A) Senior Citizens Deposit
(B) Super Saver Accounts
(C) No-frill Accounts
(D) SBI Vishesh
(E) None of these
2. When banks invest their deposit accruals in Government securities, it is called
(A) asset securitization
(B) hedging
(C) narrow banking
(D) forfeiting
(E) merchant banking
3. The process of total valuation of the financial capital assets of a country is technically known as
(A) market capitalisation
(B) gross domestic product
(C) net wealth of the country
(D) gross domestic resources
(E) None of these
4. What does RBI do when it wants to reduce liquidity in the banking system?
(A) It increases the CRR.
(B) It increases the SLR.
(C) It increases the repo rate.
(D) It increases the bank rate.
(E) All of the above
5. What is the upper limit prescribed for RTG transaction?
(A) Rs. 1 lakh (B) Rs. 2 lakh
(C) Rs. 5 lakh (D) Rs. 50 lakh
(E) No upper limit is prescribed
6. Which of the following rates is not decided by RBI?
(A) Cash Reserve Ratio
(B) Repo Rate
(C) Reverse Repo Rate
(D) Bank Rate
(E) Prime Lending Rate
7. NABARD was established on the recommendation of
(A) Public Accounts Committee
(B) Shivaraman Committee
(C) Narasimham Committee
(D) Khandelwal Committee
(E) None of these
8. External Commercial Borrowings (ECBs) form a part of
(A) current account (B) capital account
(C) savings account (D) Both (A) and (B)
(E) balance of payment
9. Which of the following conducts Shared Payment Network System (SPNS)?
(A) Reserve Bank of India
(B) State Bank of India
(C) Indian Banks' Association
(D) National Institute of Bank Management
(E) None of these
10. Which of the following risks is associated with the failure of internal processes of a bank or business organisation?
(A) Settlement risk (B) Procedural risk
(C) Operational risk (D) Credit risk
(E) Market risk
11. Generally, the lead bank in a district is the bank which is
(A) having government business
(B) having the largest deposits in the district
(C) identified to coordinate implementation of the District Credit Plan
(D) All of the above
(E) None of these
12. Who is the chairman of the committee constituted by RBI to study issues and concerns in the Micro Finance Institution (MFI) Sector?
(A) Y. H. Malegam (B) Dr. K. C. Chakraborty
(C) Rangarajan (D) M. Damodaran
(E) Smt. Usha Thorat
13. Bancassurance means
(A) assurance given by banks to loan holders
(B) assurance of bank with another bank
(C) assurance to repay loans
(D) selling of insurance products through banks
(E) None of these
14. Who amongst the following is the author of the book 'Economic Nightmare of India'?
(A) Morarji Desai (B) K. Rajeshwar Rao
(C) Charan Singh (D) Jyoti Basu
(E) None of these
15. Capital adequacy ratio is the ratio of
(A) capital as compared to total deposits
(B) capital as compared to total advances

- (C) capital as compared to total assets
(D) capital as compared to risk adjusted assets
(E) None of these
16. Non-Banking Financial Companies (NBFCs) do not have which of the following functions?
(A) Demand deposits
(B) Hiring and purchasing assets
(C) Equipment leasing
(D) Housing finance and investments in financial securities
(E) None of these
17. Which of the following statements is correct about Credit Rating?
(A) It is used to rate the borrowers while giving advances.
(B) It is used to work out performance of the employees.
(C) It is used to calculate the number of excellent audit rated branches.
(D) It is not used in any bank.
(E) It is necessary before giving promotion to employees.
18. Which of the following banks sold its Swiss private banking assets to Liechtenstein's LGT Bank?
(A) HSBC (B) BNP Parabis
(C) Barclays (D) Bank of China
(E) Japan Post Bank
19. On the recommendation of which of the following committees did Reserve Bank of India (RBI) issue draft guidelines for implementation of Bharat Bill Payment System, an 'anytime anywhere' bill payment system?
(A) G. Padmanabhan Committee
(B) K. K. Mehrotra Committee
(C) Deepak Mohanty Committee
(D) Nachiket Mor Committee
(E) None of these
20. Ways and Means Advances are provided by RBI to
(A) Central Government
(B) Banks
(C) State Government
(D) NABARD
(E) None of these
21. The main function of IMF is to
(A) finance investment loans to developing countries
(B) act as a private sector lending arm of the World Bank
(C) help to solve balance of payment problems of member countries
(D) provide funds and services in emergency
(E) None of these
22. Which of the following co-operative banks can undertake repo transaction?
(A) Scheduled big co-operative banks
(B) Scheduled small co-operative banks
(C) Non-scheduled co-operative banks
(D) All of the above
(E) None of these
23. Which is the first co-operative bank to have multi-state branches in India?
(A) Bombay Mercantile Co-operative Bank
(B) Charminar Co-operative Bank
(C) Maharashtra Shahri Sahakari Bank
(D) Uttar Pradesh Urban Co-operative Bank
(E) Deccan Merchants Co-operative Bank Ltd
24. Which Public Sector Bank is the first to increase its equity capital through public issue?
(A) Corporation Bank
(B) Dena Bank
(C) Syndicate Bank
(D) State Bank of India
(E) IDBI Bank
25. Under which act is a Land Development Bank registered in our country?
(A) Indian Companies Act
(B) Development Banks Act
(C) Banking Regulation Act
(D) Cooperative Societies Act
(E) None of these
26. Which of the following terms/names is not associated with banking/financial trade in India?
(A) Automated Clearing House
(B) Provision Coverage Ratio
(C) Market Stabilisation Scheme
(D) Credit Default Swaps
(E) Double Fault
27. Which state has become the first Indian state to pass Land Title Bill?
(A) Gujarat (B) Maharashtra
(C) Haryana (D) Rajasthan
(E) Punjab
28. What is the theme of World Health Day 2016?
(A) Beat diabetes
(B) Healthy heartbeat, Healthy blood pressure
(C) Healthy blood pressure
(D) Save lives: Make hospitals safe in emergencies
(E) Eat healthy, live healthy
29. 'Maa Annapurna Yojna', a scheme to provide cereals at concessional rates to poor and lower middle class, has been started by
(A) Gujarat (B) Tamil Nadu
(C) Odisha (D) Kerala
(E) Madhya Pradesh

30. The Sultan Azlan Shah Cup is held in which country?
 (A) Pakistan (B) UAE
 (C) India (D) Indonesia
 (E) Malaysia
31. Mossack Fonseca & Co, which made headlines in April 2016, is a company from which country?
 (A) Britain (B) USA
 (C) Iceland (D) Panama
 (E) France
32. Who wrote the book 'Standing Guard - A Year in Opposition'?
 (A) P. Chidambaram (B) Manmohan Singh
 (C) Arun Shourie (D) Suzanna Arundhati Roy
 (E) Shashi Tharoor
33. Haldhar Nag, who was honoured with Padma Shri award, is a poet of which language?
 (A) Malayalam (B) Kosli
 (C) Bengali (D) Odiya
 (E) Marathi
34. Which of the following cups/trophies is NOT associated with the game of badminton?
 (A) YONEX Estonian International 2016
 (B) Swedish Masters 2016
 (C) China International Challenge 2016
 (D) Dubai Open 2016
 (E) Thomas Cup 2016
35. Consider the following statements:
 1. Increase in surplus on account of India's services exports has been a cushioning factor for financing a large part of the trade deficit in recent years.
 2. Surplus in services exports, on an average, financed around 40% of merchandise trade deficit in the Eleventh Five Year Plan.
 3. The Fifth Five Year Plan laid stress on employment and poverty alleviation.
 Which of the statements given above is/are correct?
 (A) Only 1 (B) Only 2
 (C) Both 1 and 2 (D) Both 1 and 3
 (E) None of these
36. Which of the following cities has been ranked first in terms of cleanliness among the 73 cities surveyed in Swachh Sarvekshan 2016?
 (A) Chandigarh (B) Gangtok
 (C) Mysore (D) Delhi
 (E) Surat
37. Which of the following films won the 2015 Golden Peacock Award for the Best Film at the 46th International Film Festival of India?
 (A) Beatriz's War
 (B) Leviathan
 (C) Embrace of the Serpent
 (D) Thy Womb
 (E) The Other Bank
38. The parliament building of which country became the first in the world to completely run on solar power?
 (A) France (B) Japan
 (C) The UK (D) Pakistan
 (E) China
39. Former Chief Minister of Jammu and Kashmir Mufti Mohammad Sayeed passed away in January 2016. He was the founder of which of the following parties?
 (A) Jammu and Kashmir Peoples Democratic Party
 (B) Jammu and Kashmir National Panthers Party
 (C) People's Democratic Front
 (D) Jammu and Kashmir National Conference
 (E) Jammu and Kashmir Awami League
40. For which of the following loan products are 'teaser loans' offered by banks?
 (A) Education loans
 (B) Commercial loans
 (C) Gold loans
 (D) Retail trade loans
 (E) Home loans

General English (40 Questions)

Directions for Questions 41 – 50: Read the passage and answer the following questions.

I cannot recall what happened during the first months after my illness. I only know that I sat in my mother's lap or clung to her dress as she went about her household duties. My hands felt every object and observed every motion, and in this way I learned to know many things. Soon I felt the need of some communication with others and began to make **crude** signs. A shake of the head

meant 'No' and a nod, 'Yes,' a pull meant 'Come' and a push, 'Go'. Was it bread that I wanted? Then I would imitate the acts of cutting the slices and buttering them. If I wanted my mother to make ice-cream for dinner I made the sign for working the freezer and shivered, indicating cold. My mother, moreover, succeeded in making me understand a good deal. I always knew when she wished me to bring her something, and I would run upstairs or anywhere else she indicated. Indeed, I owe to her loving wisdom all that was bright and good in my long night.

I understood a good deal of what was going on about me. At five I learned to fold and put away the clean clothes when they were brought in from the laundry, and I distinguished my own from the rest. I was always sent for when there was company, and when the guests took their leave, I waved my hand to them, I think with a vague remembrance of the meaning of the gesture.

I do not remember when I first realized that I was different from other people; but I knew it before my teacher came to me. I had noticed that my mother and my friends did not use signs as I did when they wanted anything done, but talked with their mouths. Sometimes I stood between two persons who were conversing and touched their lips. I could not understand, and was vexed. I moved my lips and gesticulated frantically without result. This made me so angry at times that I kicked and screamed until I was exhausted.

I think I knew when I was naughty, for I knew that it hurt Ella, my nurse, to kick her, and when my fit of temper was over I had a feeling akin to regret. But I cannot remember any instance in which this feeling prevented me from repeating the naughtiness when I failed to get what I wanted.

In those days a little coloured girl, Martha Washington, the child of our cook, and Belle, an old setter, and a great hunter in her day, were my constant companions. Martha Washington understood my signs, and I seldom had any difficulty in making her do just as I wished. It pleased me to domineer over her, and she generally submitted to my tyranny rather than risk a hand-to-hand encounter. I was strong, active and indifferent to consequences. I knew my own mind well enough and always had my own way, even if I had to fight tooth and nail for it. We spent a great deal of time in the kitchen, kneading dough balls, helping make ice-cream, grinding coffee, quarreling over the cake-bowl, and feeding the hens and turkeys that swarmed about the kitchen steps. Many of them were so tame that they would eat from my hand and let me feel them. One big gobbler snatched a tomato from me one day and ran away with it. Inspired, perhaps, by Master Gobbler's success, we carried off to the woodpile a cake which the cook had just frosted, and ate every bit of it. I was quite ill afterward.

41. The narrator's mother appears to be
 - (A) full of regret about her daughter's illness
 - (B) involved in a very vibrant social life
 - (C) caring and patient with her daughter
 - (D) unmindful of her daughter's condition
 - (E) oblivious to her daughter's suffering
42. How did the narrator learn to communicate with others?
 - (A) By trying to speak and succeeding after some effort
 - (B) By trying to make basic signs
 - (C) By touching people's lips and imitating them

- (D) By the method taught by her teacher
- (E) Through Martha's help

43. How did the narrator realize that she was different from the rest?
 - (i) Her mother told her.
 - (ii) She observed people talking around her.
 - (iii) She succeeded in talking.
 - (iv) She cried a lot.
 - (v) She tried and failed to talk normally.
 - (A) Both (i) and (ii)
 - (B) Both (ii) and (iii)
 - (C) Both (iv) and (v)
 - (D) Both (ii) and (v)
 - (E) Both (i) and (iii)
44. What did the feeling of regret make the narrator do?
 - (A) Cry inconsolably
 - (B) Become careful in future
 - (C) Continue as before
 - (D) Start asking questions
 - (E) Become even more naughty
45. Which of these correctly describes the narrator?
 - (A) Resigned to fate
 - (B) Sulking due to misfortunes
 - (C) Fighting against all odds
 - (D) Entirely dependent on others
 - (E) Ungrateful for all support
46. Martha gave in to the narrator's demands because
 - (A) she pitied the narrator
 - (B) she loved the narrator
 - (C) she enjoyed the narrator's company
 - (D) she did not want to risk a fight with the narrator
 - (E) she loved to play games
47. Give the correct antonym for 'frantically' from the options given below.
 - (A) Desperately
 - (B) Urgently
 - (C) Nicely
 - (D) Calmly
 - (E) Truly
48. Give the synonym for 'gesticulated' from the options below.
 - (A) Signalled
 - (B) Breathed
 - (C) Screamed
 - (D) Waited
 - (E) Chattered
49. Give the antonym for 'crude' from the options given below.
 - (A) Raw
 - (B) Fierce
 - (C) Furious
 - (D) Refined
 - (E) Ferocious

50. Give the synonym for 'domineer' from the options below.
 (A) Submit
 (B) Revel
 (C) Rebel
 (D) Bully
 (E) Weaken

Directions for Questions 51 – 55: Each sentence below has two blanks, each blank indicating that something has been omitted. Choose the set of words for each blank that best fits the meaning of the sentence as a whole.

51. _____ action at this critical juncture will _____ not only your life but also the country's security.
 (A) Impetuous, highlight
 (B) Hesitant, jeopardise
 (C) Decisive, threaten
 (D) Contemplative, endanger
 (E) Prudent, promote
52. His death _____ in more tributes than have been paid at the _____ of any other human being in history.
 (A) brought, passing
 (B) directed, helm
 (C) delivered, description
 (D) invited, living
 (E) acknowledged, expense
53. Desert plants have evolved sophisticated physiological and _____ traits that aid survival in _____ conditions.
 (A) behavioural, arid
 (B) human, raucous
 (C) departmental, obvious
 (D) disastrous, jigsaw
 (E) psychological, desert
54. Famous among job seekers for its _____, the company, quite apart from generous salaries, bestowed on its executives annual bonuses and such _____ as low-interest home mortgages and company cars.
 (A) interviews, amendments
 (B) inventiveness, benefits
 (C) benevolence, perquisites
 (D) judgment, prerogatives
 (E) selfishness, credits
55. The learner should be _____ to take a small first step, one that will provide immediate success and _____ learning.
 (A) encouraged, reinforce
 (B) forced, organize
 (C) directed, reorganize
 (D) cautioned, reinforce
 (E) promoted, acknowledge

Directions for Questions 56 – 65: In the following passage, there are blanks, each of which is numbered. These numbers are printed below the passage and against each five words/phrases are suggested, one of which fits the blank appropriately. Find out the appropriate word/phrase in each case.

Arthur's life wasn't particularly interesting or thrilling. He woke up in the morning, he drank half a coffee pot and did the daily crossword ____56____ get at least somewhat conscious. He would ____57____ in a bland suit and tie and go to work. Every morning, he would mutter a 'hello, late night?' to his neighbour - a young man with messy black hair and brilliant, blue eyes - who just so happened to get in from his night shift at the exact same time Arthur was ____58____ for his office job. Then, Arthur would spend a day wishing it was more socially acceptable to bang your head on your desk ____59____ he sat through meeting after meeting, listening to his hot-shot CEO father lecture the office and more specifically *Arthur*, who was never achieving good ____60____ statistics for his department's sales. Then Arthur would ____61____ home, maybe grabbing an afternoon snack with an associate or old uni-mate. By the time Arthur got back to his flat, it would be just in time to see his neighbour, Merlin, locking ____62____ and heading out to his shift. One time Arthur had asked where he worked, getting a twinkle-eyed ____63____ of 'a night club, a couple of blocks over'. Arthur didn't particularly ____64____ his job, though at the same time was rather glad he didn't have to go and work at a night club. It had to be hectic - after all, regardless of the club, everyone would probably be ____65____ and *drunk*.

56. (A) for (B) because
 (C) after (D) in order to
 (E) in spite of
57. (A) wrap (B) stuff
 (C) dress (D) put
 (E) slip
58. (A) coming (B) leaving
 (C) escaping (D) departing
 (E) migrating
59. (A) during (B) in spite of
 (C) however (D) while
 (E) until
60. (A) better (B) suitable
 (C) adapted (D) enough
 (E) elevated
61. (A) start (B) direct
 (C) abandon (D) head
 (E) leave

62. (A) down (B) up
(C) away (D) in
(E) on
63. (A) result (B) feedback
(C) question (D) request
(E) response
64. (A) hate (B) dislike
(C) enjoy (D) avoid
(E) regret
65. (A) happy (B) ecstatic
(C) controlled (D) rowdy
(E) related

Directions for Questions 66 – 70: Rearrange the following six sentences 1, 2, 3, 4, 5 and 6 in the proper sequence to form a meaningful paragraph; and then answer the questions given below them.

1. Most of the population in some Asian and African countries depends on medicinal plants rather than prescriptions.
 2. Since so many people use medicinal plants as their only source of healing in the Himalayas, the plants are an important source of income.
 3. This contributes to economic and modern industrial development both inside and outside the region.
 4. The only problem is that locals are rapidly clearing the forests on the Himalayas for wood, often illegally.
 5. This means that the number of medicinal plants is declining.
 6. It is feared that some of them might become rarer or, in some cases, go extinct.
66. What should be the first line of the given passage?
(A) 1 (B) 2 (C) 3
(D) 4 (E) 5
67. What should be the fourth line of the given passage?
(A) 1 (B) 2 (C) 3
(D) 4 (E) 5
68. What should be the second line of the given passage?
(A) 1 (B) 2 (C) 3
(D) 4 (E) 6
69. What should be the third line of the given passage?
(A) 1 (B) 2 (C) 3
(D) 4 (E) 6
70. What should be the fifth line of the given passage?
(A) 1 (B) 2 (C) 3
(D) 4 (E) 5

Directions for Questions 71 – 75: Each of the following sentences tests your ability to recognize grammar and usage errors. The sentence contains either a single error or no error at all. The sentence does not contain more than one error. The error, if there is one, is lettered. If the sentence contains an error, select the letter that must be changed to make the sentence correct. If the sentence is correct, select (E), i.e. No error.

71. (A) Ria's sister who
(B) had been studying in California
(C) for the entire year
(D) came back on Thursday morning.
(E) No error
72. (A) According to the recent
(B) United Nations estimate
(C) the world population is
(D) anticipating to increase drastically.
(E) No error
73. (A) He has been living
(B) almost in seclusion
(C) on his private island
(D) since a decade.
(E) No error
74. (A) Two circles are externally tangent
(B) when they lie on
(C) opposition sides of a line tangent to
(D) both of them.
(E) No error
75. (A) Mathematic
(B) is not a subject
(C) which can be mastered
(D) without continuous practice.
(E) No error

Directions for Questions 76 – 80: Which of the phrases (A), (B), (C) and (D) given below should replace the phrase given in bold in each of the following sentences to make it meaningful and grammatically correct? If the sentence is meaningful and correct as it is and no correction is required, mark (E) as the answer.

76. Both players **had speak** of lack of form after the conclusion of the match.
(A) had spoken (B) spoke
(C) had speaking (D) has spoke
(E) No correction required
77. Priyanka **was crowns** the second runner-up and went on to win the Miss World title.
(A) was crown
(B) was crowning
(C) was crowned
(D) is crowns
(E) No correction required

78. Quite a lot of the students in our class were born in America, but many of them **grew about** in India.
 (A) grew above (B) grew up
 (C) grow about (D) grow above
 (E) No correction required
79. Welfare economists **often support** minimum wages for their redistribution effects.
 (A) often supports
 (B) often supporting
 (C) often have support

- (D) often has support
 (E) No correction required

80. The police **were prepares** as the Mehsana administration had denied permission for the programme.
 (A) were prepare (B) is prepare
 (C) was prepare (D) were prepared
 (E) No correction required

Quantitative Aptitude (40 Questions)

Directions for Questions 81 – 85: What will come in place of the question mark (?) in each of the following questions?

81. $3\frac{6}{7} - 6\frac{1}{4} + 5\frac{1}{3} = ?$
 (A) $1\frac{65}{84}$ (B) $8\frac{1}{84}$
 (C) $2\frac{79}{84}$ (D) $5\frac{47}{84}$
 (E) None of these
82. $18\% \text{ of } 450 - 75\% \text{ of } 96 = ?$
 (A) 15 (B) 22 (C) 12
 (D) 16 (E) 9
83. $\frac{10 \div 3 \times 27 \div 9}{22.5 \div 7.5 \times 5 \div 4} = ?$
 (A) 2.6 (B) 5.7 (C) 2.5
 (D) 6.8 (E) None of these
84. $4\frac{1}{5} \times 3\frac{1}{3} + ? = 20\% \text{ of } 120$
 (A) 18 (B) 10 (C) 5
 (D) 15 (E) 16
85. $3\frac{2}{7} - 2\frac{1}{14} - 1\frac{1}{7} = ? + 2\frac{1}{14}$
 (A) 1 (B) $\frac{2}{5}$ (C) 2
 (D) $\frac{3}{7}$ (E) None of these

Directions for Questions 86 – 90: What approximate value should come in place of the question mark (?) in each of the following questions? (Note: You are not expected to calculate the exact value.)

86. $\frac{670.456}{12.624} \times 5.674 = ?$
 (A) 301 (B) 305 (C) 310
 (D) 307 (E) 311
87. $43745 \times 67 + 102 = ? \times 555$
 (A) 5270 (B) 5290
 (C) 5281 (D) 5285
 (E) 5295
88. $(87\% \text{ of } 4590) \times \frac{54}{28} = ?$
 (A) 7701 (B) 7710
 (C) 7715 (D) 7801
 (E) 7510
89. $\left(\frac{15}{9}\right)^2 \times \frac{898}{39} \div \frac{41}{899} = ?$
 (A) 1600 (B) 1650
 (C) 1400 (D) 1550
 (E) 1750
90. $49.99\% \text{ of } 1747 - 21.99\% \text{ of } 1302 = ?$
 (A) 590 (B) 720 (C) 770
 (D) 620 (E) 570

Directions for Questions 91 – 95: Complete the following series.

91. 15, 16, 18, 22, 30, 46, ?
 (A) 34 (B) 24 (C) 78
 (D) 27 (E) 23
92. 3, 6, 12, 24, 48, ?
 (A) 96 (B) 52 (C) 152
 (D) 136 (E) 100
93. 462, 552, 650, 756, 870, 992, ?
 (A) 1040 (B) 1122
 (C) 1132 (D) 1050
 (E) None of these

94. 5, 6, 15, 50, ?
 (A) 207 (B) 157 (C) 155
 (D) 205 (E) None of these
95. 2, 10, 30, 68, 130, 222, ?
 (A) 350 (B) 280 (C) 335
 (D) 295 (E) None of these
96. The difference between simple interest and compound interest on a certain sum of money for 2 years at 10% p.a. is Rs. 4200. Find the sum.
 (A) Rs. 100,000 (B) Rs. 120,000
 (C) Rs. 42,000 (D) Rs. 4,20,000
 (E) None of these
97. A sum of Rs. 10,000 is invested in a scheme where interest is compounded annually for two years at the rate of 10% per annum. Find the number of years if it is a simple interest scheme and rest of the conditions are the same.
 (A) 1.5 years (B) 3 years
 (C) 2 years (D) 2.1 years
 (E) 1.75 years
98. If on a marked price, the difference between selling prices with a discount of 30% and two successive discounts of 20% and 10% is Rs. 144, then what is the marked price?
 (A) Rs. 205.71 (B) Rs. 7200
 (C) Rs. 205.24 (D) Rs. 7300
 (E) Rs. 720
99. McGrath earned a profit of Rs. 300 by selling 100 kg of a mixture of A and B types of rice at a total price of Rs. 1100. What was the proportion of A and B types of rice in the mixture if the cost prices of A and B are Rs. 10 and Rs. 5 per kg, respectively?
 (A) 3 : 2 (B) 13 : 18
 (C) 2 : 3 (D) 8 : 11
 (E) 1 : 2
100. Two shopkeepers Jagan and Rex have 30 cars in their showrooms. Both sell their cars at different prices, but receive the same amount. If Jagan had sold his cars at Rex's price, he would have received Rs. 32 lakh. If Rex had sold his cars at Jagan's price, he would have received Rs. 24.5 lakh. At what price did Rex sell each of his cars?
 (A) Rs. 2.6 lakh (B) Rs. 2.0 lakh
 (C) Rs. 1.4 lakh (D) Rs. 1.2 lakh
 (E) Cannot say
101. A shopkeeper purchased a few copies of an article at the rate of six copies for Rs. 5 and sold them at the rate of five copies for Rs. 6. What is his gain percentage?
 (A) 24% (B) 30%
 (C) 44% (D) 60%
 (E) None of these
102. Upon selling an article for Rs. 240, a trader incurs a loss of 4%. At what amount must he sell the article so as to make a profit of 10%?
 (A) Rs. 264 (B) Rs. 273.20
 (C) Rs. 275 (D) Rs. 280
 (E) Rs. 260
103. A tap can fill a cistern in 2 hours and another tap can empty the same cistern in 3 hours. How long will it take to fill the cistern if both the taps are turned on?
 (A) 5 hours (B) 6 hours
 (C) 7 hours (D) 8 hours
 (E) 9 hours
104. The amount of work done by a man on n^{th} day after starting the work is n times the amount of work that can be done on the first day. If 8 men start the work, it can be completed in 10 days. If the work has to be completed in 4 days, how many men have to work?
 (A) 20 (B) 16 (C) 40
 (D) 44 (E) 50
105. Singapore is 3 hours ahead of Chennai and New Jersey is 11 hours behind India. A flight from Chennai started at 6 a.m. and reached Singapore at 12 noon, and a flight with the same speed starts from Chennai at 9 a.m. If the distance between Chennai and New Jersey is exactly 4 times the distance between Chennai and Singapore, at what time the flight, which starts from Chennai at 9 a.m., reaches New Jersey at its local time? (Consider all the given timings are local timings.)
 (A) 9 p.m. (B) 10 p.m.
 (C) 9 a.m. (D) 10 a.m.
 (E) 11 a.m.
106. A is 60% more efficient than B and so, A can do a piece of work in 9 days less than what B takes to do the same work. How many days does it take to complete the job, if they work together?
 (A) $7\frac{1}{7}$ (B) $5\frac{3}{13}$
 (C) $7\frac{3}{13}$ (D) $9\frac{3}{13}$
 (E) 13
107. In a military camp, the food available is enough for 500 soldiers for 10 days. If 300 soldiers are sent to another camp, how long will the available food last?
 (A) 15 days (B) 18 days
 (C) 20 days (D) 25 days
 (E) 52 days

108. Two pipes P and Q would fill a cistern in 24 hours and 32 hours, respectively. If both pipes are opened together, find when the first pipe must be turned off so that the cistern may be just filled in 16 hours.
 (A) 2 hours (B) 4 hours
 (C) 8 hours (D) 12 hours
 (E) None of these
109. A boat goes 21 miles upstream and 42 miles downstream in 13 hours. It also goes 36 miles upstream and 49 miles downstream in 19 hours. What are the speeds of the stream and the boat (in miles per hour)?
 (A) 6 m/h and 3 m/h
 (B) 5 m/h and 3 m/h
 (C) 5 m/h and 2 m/h
 (D) 4 m/h and 2 m/h
 (E) None of these
110. Two vessels contain mixtures of spirit and water. In the first vessel, the ratio of spirit to water is 8 : 3 and in the second, the ratio is 5 : 1. A 35 litre cask is filled from these vessels so as to contain a mixture of spirit and water in the ratio 4 : 1. How much mixture is taken from the first vessel?
 (A) 5 litres
 (B) 6 litres
 (C) 8 litres
 (D) 11 litres
 (E) 24 litres

Directions for Questions 111 – 115: In each of the following questions, two equations numbered I and II are given. You have to solve both the equations and give answer as

- (A) if $x > y$
 (B) if $x \geq y$
 (C) if $x < y$
 (D) if $x \leq y$
 (E) if $x = y$ or the relationship cannot be established

111. I. $x^2 + 5x + 6 = 0$
 II. $y^2 + 7y + 12 = 0$

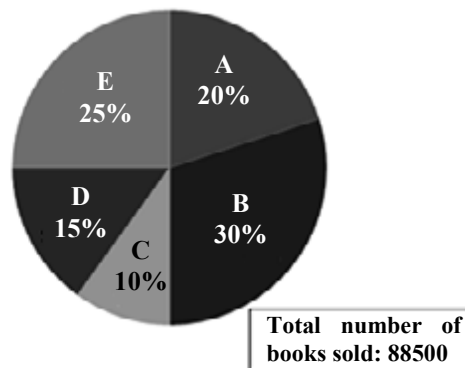
112. I. $x^2 - 4x + 3 = 0$
 II. $y^2 - 7y + 12 = 0$

113. I. $x^2 - 1 = 0$
 II. $y^2 + 4y + 3 = 0$

114. I. $x^2 - 7x + 12 = 0$
 II. $y^2 - 12y + 32 = 0$

115. I. $x^2 + 8x + 15 = 0$
 II. $y^2 + 13y + 42 = 0$

Directions for Questions 116 – 120: Answer the following questions based upon the information given in the figure and the table.



Store	Ratio of English : Non-fiction : GK Books
A	11 : 5 : 4
B	3 : 7 : 5
C	15 : 8 : 7
D	7 : 6 : 2
E	9 : 8 : 10

116. The average number of English and GK books sold by stores A, B and D together constitutes what percentage of the total number of books of all types sold by stores C, D and E?
 (A) 27.65% (B) 26.67%
 (C) 26.16% (D) 25.67%
 (E) 25.16%
117. How many stores sold less than 5000 copies of non-fiction books?
 (A) 3 (B) 2 (C) 1
 (D) 4 (E) None of the above
118. If each English book costs 15.50 rupees and GK book costs 12.50 rupees, what is the cost of each Non-fiction book provided that the total business of C is Rs. 120,360?
 (A) 9 (B) 12 (C) 13
 (D) 11 (E) 10
119. In the previous question, what will be the total business of store C, if the price of English and non-fiction books is increased by 10% and that of GK is unchanged?
 (A) Rs. 129,814.75 (B) Rs. 134,977.25
 (C) Rs. 124,225.50 (D) Rs. 140,550.25
 (E) Rs. 150,515.50
120. The difference between the number of English and GK books sold by stores A, B and D together, and the number of Non-fiction and GK books sold by stores C and E is what percentage of the total

number of Non-fiction and GK books sold by stores C and E?

(A) 58% (B) 55%

(C) 85%

(E) 65%

(D) 60%

Reasoning Ability (40 Questions)

Directions for Questions 121 – 123: In each of the following items, a question and two statements numbered I and II are given below. You have to decide whether the data provided in the statements is sufficient to answer the question.

- (A) The data in statement I alone is sufficient to answer the question, while the data in statement II alone is not sufficient to answer the question.
- (B) The data in statement II alone is sufficient to answer the question, while the data in statement I alone is not sufficient to answer the question.
- (C) The data either in statement I alone or in statement II alone is sufficient to answer the question.
- (D) The data given in both the statements I and II together is not sufficient to answer the question.
- (E) The data in both the statements I and II together is necessary to answer the question.

121. M, N, B, F and H are sitting around a circular table facing the centre. Who is to the immediate left of B?

- I. M is the immediate neighbour of both H and N.
- II. F is to the immediate left of N.

122. On which day of the week is Arun's birthday?

- I. Arun's brother correctly remembers that Arun's birthday is after Wednesday, but before Sunday.
- II. Arun's sister correctly remembers that Arun's birthday is before Friday.

123. How many sons does P have?

- I. M and K are sisters of G.
- II. J, who has only two daughters, is the mother of K and wife of P.

124. A computer program returns 68 when the input is HOVER. What will the program return when the input is STAR?

- (A) 63 (B) 68 (C) 53
- (D) 57 (E) 58

125. Lita and Lora stood on a platform in front of each other at 5 PM on a railway station. If the shadow of Lora was towards her right hand exactly, then Lita's face was in which direction?

- (A) South (B) North
- (C) East (D) West
- (E) Data inadequate

A machine rearranges an input line step-by-step by following a particular rule in each step. The following is an illustration of an input and steps of its rearrangement:

Input: 103 gate 82 fire 20 seven 75 red 9 ant 52 juice 25 tree 45 rose 87 hire

Step 1: 9 103 gate 82 fire 20 seven 75 red 52 juice 25 tree 45 rose 87 hire ant

Step 2: 9 20 103 gate 82 seven 75 red 52 juice 25 tree 45 rose 87 hire fire ant

Step 3: 9 20 25 103 82 seven 75 red 52 juice tree 45 rose 87 hire gate fire ant

Step 4: 9 20 25 45 103 82 seven 75 red 52 tree rose 87 juice hire gate fire ant

Step 5: 9 20 25 45 52 103 82 seven 75 tree rose 87 red juice hire gate fire ant

Step 6: 9 20 25 45 52 75 103 82 seven tree 87 rose red juice hire gate fire ant

Step 7: 9 20 25 45 52 75 82 103 seven tree 87 rose red juice hire gate fire ant

Step 8: 9 20 25 45 52 75 82 87 103 tree seven rose red juice hire gate fire ant

This is the final rearrangement and step 8 is the last step for this input.

According to the rules followed in the above steps, answer the questions based on the following input line:

Input: 23 under 13 fall 7 jute 65 and 106 or 58 in apple 68 bench 73 hat 87

126. What will be step 6 of the given input?

- (A) 7 13 23 58 65 68 under jute 106 or in 73 87 hat fall bench apple and
- (B) 7 13 23 58 65 68 73 87 106 under or in jute hat fall bench apple and
- (C) 7 13 23 58 65 68 73 under jute 106 or 87 in hat fall bench apple and
- (D) 7 13 23 58 65 68 73 87 under 106 or in jute hat fall bench apple and
- (E) 7 13 23 58 65 68 under 106 or 73 87 in jute hat fall bench apple and

127. Which word/number comes immediately to the left of the fourth word from the right end in step 2?

- (A) 73 (B) 68 (C) fall
- (D) 87 (E) bench

128. What will be the fifth word/number to the right of the word 'under' in step 6 of the given input?

- (A) 73 (B) in (C) 106
- (D) jute (E) hat

129. Which step is the last but one in the given input?

- (A) 5 (B) 6 (C) 7
- (D) 8 (E) 9

Directions for Questions 126 – 130: Study the following information to answer the questions that follow:

130. Which of the following is step 7 of the given input?
- (A) 7 13 23 58 65 68 73 under 106 or in 87 jute hat fall bench apple and
- (B) 7 13 23 58 65 68 73 106 under or in 87 jute hat fall bench apple and
- (C) 7 13 23 58 65 68 73 87 under 106 or jute in hat fall bench apple and
- (D) 7 13 23 58 65 68 under jute 106 or in 73 87 hat fall bench apple and
- (E) None of these

Directions for Questions 131 – 135: Read the following information to answer the questions that follow:

- (i) P, Q, R, S, T, U and V are playing cards sitting around a circular table.
- (ii) S is not the neighbour of R and T.
- (iii) P is the neighbour of Q and R.
- (iv) V, who is second to the left of S, is the neighbour of T and U.

131. Which of the following statements is correct?
- (A) Q is between P and S.
- (B) S is between U and V.
- (C) T is to the immediate right of V.
- (D) U is to the immediate left of V.
- (E) None of these
132. Which of the following pairs has the second person sitting to the immediate right of the first person?
- (A) QS (B) VU (C) TR
- (D) PT (E) None of these
133. If S and T interchange their places, which of the following will be the position of S?
- (A) Neighbour of V and R
- (B) To the immediate left of R
- (C) To the immediate right of U
- (D) Neighbour of R and P
- (E) None of these
134. What is the position of R?
- (A) Second to the left of Q
- (B) Third to the right of U
- (C) To the immediate left of P
- (D) To the immediate right of T
- (E) None of these
135. Which of the following has the second person sitting between the first and the third persons?
- (A) S, P and Q (B) V, R and T
- (C) Q, R and P (D) V, U and S
- (E) None of these

Directions for Questions 136 – 137: Study the following information carefully and answer the questions that follow.

‘create important question’ is written as ‘ma ra pa’.

‘impossible important question’ is written as ‘sa ma ra’.

‘important question answerable’ is written as ‘ma ra za’.

136. What is the code for ‘important’?
- (A) sa (B) ma (C) ra
- (D) za (E) Data insufficient
137. What can be the code for ‘answerable question good’?
- (A) za pa la (B) ma ra la
- (C) ma za la (D) ra sa pa
- (E) Data insufficient
138. How many such pairs of letters are there in the word TRIBUNAL, each of which has as many letters between them in the word as in the English alphabet?
- (A) None (B) One
- (C) Two (D) More than three
- (E) Three
139. A ‘Tumbler’ is related to ‘Empty’ in the same way as a ‘Seat’ is related to
- (A) Occupied (B) Person
- (C) Chair (D) Sitting
- (E) Vacant

Directions for Questions 140 – 144: In the questions given below, the symbols @, #, \$, % and © have the following meanings.

‘A @ B’ means ‘B is smaller than A’.

‘A # B’ means ‘B is greater than A’.

‘A \$ B’ means ‘B is greater than or equal to A’.

‘A % B’ means ‘B is smaller than or equal to A’.

‘A © B’ means ‘A is neither greater nor smaller than B’.

Now, in each of the following questions, considering the given statements to be true, mark the true conclusion(s).

140. **Statements:**
P@Q, R\$Q, Q©S
- Conclusions:**
- I. R©S
- II. P#R
- (A) Only I is true
- (B) Only II is true
- (C) Both I and II are true
- (D) Either I or II is true
- (E) Neither I nor II is true
141. **Statements:**
R \$ S, S # P, P © X
- Conclusions:**
- I. P @ R
- II. S © X
- (A) Only I is true
- (B) Only II is true
- (C) Both I and II are true
- (D) Either I or II is true
- (E) Neither I nor II is true

142. **Statements:**
B%A, B%C, A@C

Conclusions:

- I. C\$B
- II. A#C
- (A) Only I is true
- (B) Only II is true
- (C) Both I and II are true
- (D) Either I or II is true
- (E) Neither I nor II is true

143. **Statements:**
Q%P, M#P, R@M

Conclusions:

- I. M\$Q
- II. R@Q
- (A) Only I is true
- (B) Only II is true
- (C) Both I and II are true
- (D) Either I or II is true
- (E) Neither I nor II is true

144. **Statements:**
X \$ Y, Y # Z, A @ Z

Conclusions:

- I. Y % X
- II. X # A
- (A) Only I is true
- (B) Only II is true
- (C) Both I and II are true
- (D) Either I or II is true
- (E) Neither I nor II is true

Direction for Questions 145 – 150: In each of the questions below are given three statements followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follow(s) from the given statements, disregarding the commonly known facts.

145. **Statements:**
Some spoons are forks.
Some forks are metals.
All metals are matters.

Conclusions:

- I. Some matters are forks.
- II. All forks are spoon.
- III. Some metals are forks.
- (A) All follow
- (B) Only I and II follow
- (C) Only I and III follow
- (D) Only II and III follow
- (E) None of these

146. **Statements:**
All buses are mobiles.
Some mobiles are pillars.
Some pillars are roses.

Conclusions:

- I. All buses are roses.
- II. Some roses are mobiles.
- III. All buses are pillars.
- (A) All follow
- (B) Only I and II follow
- (C) Only I and III follow
- (D) Only II and III follow
- (E) None of these

147. **Statements:**
All apples are fruits.
Some fruits are forests.
All forests are trees.

Conclusions:

- I. All apples are forests.
- II. All forests are apples.
- III. Some trees are fruits.
- (A) Only I follows
- (B) Only II follows
- (C) Only III follows
- (D) Only I and III follow
- (E) None follows

148. **Statements:**
Some mangoes are apples.
All apples are bananas.
All bananas are gardens.

Conclusions:

- I. Some gardens are mangoes.
- II. Some monkeys are bananas.
- III. All apples are gardens.
- (A) All follow
- (B) Only I and III follow
- (C) Only I follows
- (D) Only II and III follow
- (E) None of these

149. **Statements:**
Some mobiles are laptops.
All laptops are computers.
All computers are devices.

Conclusions:

- I. Some mobiles are computers.
- II. Some mobiles are devices.
- III. All devices are mobiles.
- (A) Only I follows
- (B) Only II and III follow
- (C) Only I and II follow
- (D) Only III follows
- (E) All follow

150. **Statements:**
Many perfumes are diamonds.
All aspirins are powders.
No perfume is powder.

Conclusions:

- I. Some diamonds are not powders.
- II. No aspirin is perfume.

- III. Some diamonds are not aspirins.
 (A) Only I follows
 (B) Only II follows
 (C) Only I and II follow
 (D) Only I and III follow
 (E) All follow
151. From his house, a man walks towards North and covers 15.5 km. Then, he turns left and travels 7 km. Then, he turns left again and after travelling 31 km, he again turns left and stops after travelling 7 km. How far is he from his house?
 (A) 8.5 km (B) 15.5 km
 (C) 46.5 km (D) 60.5 km
 (E) 50.5 km
152. In the question, two statements (I) and (II) are given. These statements may be either independent causes or effects of independent causes or a common cause. One of these statements may be the effect of the other statement. Read both the statements and then decide which of the following answer choices correctly depicts the relationship between these two statements.
 I. The price of aircraft fuel has risen during the past few months.
 II. Many passenger airlines in India have been forced to cut their air fares by about 10 percent. Mark your answer as
 (A) if statement I is the cause and statement II is its effect
 (B) if statement II is the cause and statement I is its effect
 (C) if both statements I and II are independent causes
 (D) if both statements I and II are effects of independent causes
 (E) if both statements I and II are effects of some common cause
153. Q types faster than R, but not as fast as V. T types faster than R. S types faster than V. Who amongst the five types the fastest?
 (A) V (B) T (C) S
 (D) Data inadequate (E) None of these
154. In a row of forty-five boys facing South, T is eighth to the right of H, who is tenth from the right end. H is fourteenth to the left of R. What is R's position from the left end?
 (A) 21st (B) 23rd (C) 24th
 (D) Data inadequate (E) None of these
155. Pointing towards Raman, Radha said, 'He is the son of the only daughter of the father of her only maternal uncle.'
 How is Raman related to Radha?
 (A) Brother (B) Nephew
 (C) Uncle (D) Father
 (E) Son
- Directions for Questions 156 – 160:** Answer the following questions based on the information given below.
 A group of five members A, B, C, D and E having different professions - teacher, lawyer, contractor, doctor and engineer - from different countries - India, America, Russia, England and Pakistan - is selected randomly (not necessarily in the same manner). Consider the following:
 I. E is neither a teacher nor a doctor and he does not live in Russia.
 II. B is an engineer and does not live in India.
 III. A does not live in Pakistan or England.
 IV. D is a lawyer and does not live in India.
 V. The contractor lives in America.
 VI. The doctor lives in England.
 VII. A is a teacher and lives in India.
156. Where does C live?
 (A) Pakistan (B) England
 (C) India (D) Russia
 (E) Data insufficient
157. What is the profession of C?
 (A) Contractor (B) Teacher
 (C) Engineer (D) Doctor
 (E) Data insufficient
158. What is the profession of E?
 (A) Teacher (B) Contractor
 (C) Doctor (D) Lawyer
 (E) Data insufficient
159. Where does D live?
 (A) Russia (B) America
 (C) Russia or Pakistan (D) India or Russia
 (E) Data insufficient
160. Where does the engineer live?
 (A) Russia
 (B) Pakistan
 (C) Russia and Pakistan
 (D) Data insufficient
 (E) None of the above

Computer Ability (40 Questions)

161. Under which menu is the 'Find' option available?
(A) File (B) View
(C) Tools (D) Edit
(E) None of these
162. Which of the following tabs of display dialog box is used to change an icon?
(A) Effects (B) Settings
(C) Screen saver (D) Background
(E) None of these
163. A database object, which allows data entry into a table in an interactive manner, is called
(A) query (B) table
(C) report (D) form
(E) None of these
164. A _____ backup contains a copy of every program, data and system file on a computer.
(A) restoration (B) bootstrap
(C) differential (D) full
(E) None of these
165. Which of the following is not true about computer files?
(A) They are collections of data saved in a storage medium.
(B) Every file has a filename.
(C) A file extension is established by the user to indicate the contents of the file.
(D) Files usually contain data.
(E) None of these
166. _____ is the name of the software that controls the internal operations of a computer.
(A) ROM (B) Application software
(C) Program (D) System software
(E) None of these
167. How many kilobytes (KB) is 1 gigabyte (GB) composed of?
(A) 1000 (B) 1024
(C) 1024 X 1024 (D) 1024 X 1024 X 1024
(E) 1024 X 1024 X 1024 X 1024
168. IDE stands for
(A) Internal Development Environment
(B) Integrated Development Environment
(C) Inserted Development Environment
(D) Integrated Digital Environment
(E) Internal Digital Environment
169. Hexadecimal number system uses base of _____.
(A) 2 (B) 4 (C) 8
(D) 10 (E) 16
170. A _____ is a computer that provides services to clients and controls access to hardware, software and other resources.
(A) server
(B) hub
(C) mainframe computer
(D) super computer
(E) personal computer
171. In MS Word, which combination is used to make a letter bold?
(A) Alt + B (B) Ctrl + B
(C) Shift + B (D) Tab + B
(E) None of these
172. Reusable optical storage will typically have the acronym
(A) CD (B) DVD
(C) ROM (D) RW
(E) None of these
173. Wi-Fi stands for
(A) Wireless Functionality
(B) Wired Functionality
(C) Wireless Firmware
(D) Wired Fidelity
(E) Wireless Fidelity
174. Which of the following is used as barrier to restrict 'untrusted' traffic in a computer network?
(A) Antivirus software
(B) Firewall
(C) Filter
(D) Server
(E) Router
175. A _____ is a group of interconnected computers and network devices within the same building.
(A) Personal Area Network
(B) Local Area Network
(C) Wide Area Network
(D) Metropolitan Area Network
(E) Virtual LAN
176. Which of the following refers to a process of transforming source code written in a programming language into another computer language?
(A) Assembling (B) Executing
(C) Coding (D) Compiling
(E) None of the above
177. _____ is a system monitor available in Microsoft Windows OS to provide information

- about computer performance, running applications and memory in use.
 (A) Task manager (B) Windows explorer
 (C) Task controller (D) Pre-processor
 (E) Control unit
178. Who proposed the machine 'The Analytical Engine'?
- (A) Blaise Pascal
 (B) Dr. Herman Hollerith
 (C) Professor Charles Babbage
 (D) Dr. Atanasoff
 (E) Professor Eckert Jr.
179. When were the computers of the 'second generation' introduced?
- (A) 1947 (B) 1952
 (C) 1959 (D) 1964
 (E) 1949
180. The third generation computers were based on
- (A) vacuum tubes
 (B) transistors
 (C) integrated circuits
 (D) diodes
 (E) resistors
181. Which of the following is the classification of computers based on size?
- (A) Analog; digital; hybrid analog and digital
 (B) Large; mini; micro
 (C) General purpose; special purpose; random purpose
 (D) Super; main; minor
 (E) First generation; second generation; third generation
182. Which is a series of supercomputers assembled in India by C-DAC?
- (A) PARAM (B) PARAMA
 (C) PADAM (D) KADAM
 (E) KARAM
183. The computational power of a mainframe computer is measured in
- (A) million instructions per minute
 (B) trillion instructions per minute
 (C) billion instructions per minute
 (D) million instructions per second
 (E) trillion instructions per second
184. Identify the example(s) of micro computers.
- (A) Desktop (B) Laptop
 (C) Tablet (D) Smartphone
 (E) All of these
185. On the basis of which of the following is the classification of computer networks done?
- (A) Geographical area
 (B) Inter-connectivity
 (C) Administration
 (D) Architecture
 (E) All of these
186. Which network has connectivity range of up to 10 meters and includes bluetooth enabled devices?
- (A) MAN (B) PAN
 (C) LAN (D) WAN
 (E) None of these
187. A computer network spanned inside a building and operated under a single administrative system such as offices, schools, colleges or universities is called
- (A) MAN (B) PAN
 (C) LAN (D) WAN
 (E) Internetwork
188. Telecommunication networks are
- (A) LAN (B) MAN
 (C) PAN (D) WAN
 (E) None of these
189. Which of the following topologies divides the network into multiple levels or layers of network?
- (A) Tree (B) Ring
 (C) Bus (D) Point to Point
 (E) Mesh
190. How many layers does OSI network model have?
- (A) 4 (B) 5 (C) 6
 (D) 7 (E) 8
191. In which layer of OSI network model is password authentication done?
- (A) Application layer (B) Data link layer
 (C) Session layer (D) Network layer
 (E) Physical layer
192. Which layer of TCP/IP protocol facilitates host addressing and recognition?
- (A) Application layer (B) Transport layer
 (C) Link layer (D) Internet layer
 (E) Physical layer
193. Which of the following techniques is used to mix and send multiple data streams over a single medium?
- (A) Switching (B) Linking
 (C) Encrypting (D) Multiplexing
 (E) Transmitting
194. Which of the following is a mechanism of sending data from source to destination which are not directly connected?
- (A) Switching (B) Linking
 (C) Encrypting (D) Multiplexing
 (E) Transmitting

195. _____ has two wires of copper and is capable of carrying high frequency signals.
(A) Twisted pair cable
(B) Coaxial cable
(C) Shielded twisted pair cable
(D) Unshielded twisted pair cable
(E) None of these
196. The core of fiber optic cable is made of
(A) copper
(B) brass
(C) aluminium
(D) high quality glass or plastic
(E) silver
197. The users of which operating system do not interact with the computer directly?
(A) Time sharing OS
(B) Distributed OS
(C) Network OS
(D) Batch OS
(E) 5 Real time OS
198. Which of these is/are not the advantage(s) of Time Sharing Operating System?
(A) Response quickly
(B) Avoids duplication of software
(C) Reduces CPU idle time
(D) Very reliable
(E) All of these
199. When two or more programs reside in memory at the same time, then sharing of the processor is called
(A) multiprogramming
(B) multithreading
(C) spooling
(D) preprocessing
(E) None of these
200. Pressing and releasing a button on a mouse to select or activate the area on the screen where the cursor is pointing is called
(A) browsing (B) displaying
(C) clicking (D) copying
(E) selecting

IBPS Clerical (Mains) Mock Test – 3

General/Financial Awareness (40 Questions)

1. Which of the following countries is NOT a member of Asia Pacific Economic Cooperation (APEC)?
(A) South Korea (B) Canada
(C) China (D) India
(E) USA
2. What is 'Stagflation'?
(A) Inflation with growth
(B) Deflation with growth
(C) Inflation after deflation
(D) Inflation with depression
(E) None of these
3. Blue chip securities refer to
(A) shares of any company
(B) shares of companies which are listed at any of the stock exchanges
(C) shares of good companies
(D) shares of IT companies
(E) All of the above
4. Currency Swap is an instrument to manage
(A) currency risk
(B) interest rate risk
(C) currency and interest rate risk
(D) cash flows in different currencies
(E) All of the above
5. Which of the following is/are recommended by the RBI as a part of anti-money laundering measure?
(A) KYC norms (B) Basel norms
(C) Fiscal policy (D) Monetary policy
(E) None of these
6. Which of the following policies of the financial sectors is basically designed for transferring local financial assets into foreign financial assets freely and at market determined exchange rates?
(A) Capital Account Convertibility
(B) Financial Deficit Management
(C) Minimum Support Price
(D) Restrictive Trade Practices
(E) None of these
7. Generally, banks borrow in Call Money Market for
(A) maintaining Cash Reserve Ratio (CRR)
(B) investment with Central Government
(C) credit for infrastructure
(D) All of the above
(E) None of these
8. Foreign Trade Policy is framed by
(A) RBI
(B) EXIM Bank
(C) DGFT
(D) Ministry of Commerce, Government of India
(E) None of these
9. The Planning Commission has been renamed as 'NITI Aayog'. In which year was the Planning Commission formed?
(A) 1947 (B) 1950
(C) 1955 (D) 1959
(E) 1961
10. What is a convertible bond?
(A) It is a mix of debt and equity.
(B) Bond holder has an option to convert debt into equity on a fixed date.
(C) The conversion price is pre-determined.
(D) All of the above
(E) None of these
11. SMART MONEY is a term used for
(A) internet banking (B) credit cards
(C) cash with bank (D) cash with public
(E) mobile banking
12. Which of the following is a transmission protocol for banking information which can be used by bank clients?
(A) EBIPS (B) EBICS
(C) TCP/IP (D) FTP
(E) None of these
13. Which of following statements is/are true regarding a Deferred Payment Guarantee (DPG)?
(A) It is a type of guarantee where no cash payment is involved.
(B) It is a type of guarantee which is given for the purchase of immovable property.
(C) It is a type of guarantee where payment would have to be made in installments guaranteed.
(D) All of the above
(E) None of these
14. The Reserve Bank of India had issued guidelines to banks on Pillar 2 of Basel II framework. Pillar 2 deals with which of the following?
A. Better human resource management
B. Adequate capital to support risks

- C. Better profitability with minimum number of employees
(A) Only A (B) Only B
(C) Only C (D) A, B and C
(E) None of these
15. Which of the following cannot be called as a debt instrument as referred in financial transactions?
(A) Certificate of deposits
(B) Bonds
(C) Stocks
(D) Commercial papers
(E) None of these
16. With which of the following companies did Bharatiya Mahila Bank (BMB) sign a pact to deliver three unique innovative health insurance policies for woman account holders of the bank?
(A) New India Assurance Company
(B) United India Insurance Company
(C) Max Bupa Health Insurance
(D) Life Corporation of India
(E) Apollo Munich Health Insurance
17. When more than one bank allows credit facilities to one party in coordination with each other under a formal arrangement, the arrangement is generally known as
(A) participation (B) consortium
(C) syndication (D) multiple banking
(E) None of these
18. Which of the following banks has launched EMI (equated monthly installments) facility on debit cards to enable its customers to convert their high value transactions into easy installments?
(A) HDFC Bank
(B) ICICI Bank
(C) State Bank of India
(D) IDBI Bank
(E) Union Bank
19. At what stage of opening a bank account is the checking of Politically Exposed Persons (PEP) carried out?
(A) At the first point of customer interaction
(B) At the Account Services level
(C) At the Central Account Services level
(D) One month after the account is opened
(E) At the time of the first transaction
20. Which of the following statements is/are incorrect?
A. Only central cooperative banks have access to Reserve Bank of India.
B. Cooperative banks are established on unitary basis.
C. Reserve Bank of India has no control over cooperative banks.
(A) Only A (B) Both A and B
(C) Both B and C (D) A, B and C
(E) Only C
21. Which bank in April 2016 launched an Aadhaar-based Automatic Teller Machine (ATM)?
(A) PNB (B) SBI
(C) DCB (D) OBC
(E) IDBI Bank
22. Where are the headquarters of Export-Import Bank of India?
(A) Lucknow (B) Mumbai
(C) Kochi (D) Goa
(E) None of these
23. Education loans can be more effectively canvassed by
(A) door-to-door campaigns
(B) e-mail contacts
(C) diversification
(D) tie-up with colleges
(E) All of the above
24. Which private sector bank became the first bank to open dedicated branch for startups in India?
(A) ICICI Bank (B) RBL Bank
(C) Dhanlaxmi Bank (D) Punjab National Bank
(E) HDFC Bank
25. In which city has the Centre for Ganga River Basin Management and Studies (CGRBMS) been launched?
(A) Kolkata (B) Varanasi
(C) Mumbai (D) New Delhi
(E) Haridwar
26. In June 2016, ISRO launched a record 20 satellites in a single mission. With this launch of 20 satellites, ISRO managed to break its previous record of placing ___ satellites into orbit in a single mission in 2008.
(A) 10 (B) 12
(C) 14 (D) 16
(E) 18
27. Who became the first Indian woman to qualify for Olympics in Gymnastics?
(A) Dipa Karmakar (B) Aparna Popat
(C) Geeta Phogat (D) Khushbir Kaur
(E) Jwala Gutta
28. Who is the author of the book 'The Life and Death of Adolf Hitler'?
(A) Jeffrey Archer
(B) John Banville
(C) James Cross Giblin
(D) Agatha Christie
(E) John Grisham

29. Which portal has been launched in April 2016 and will be India's first online interactive heritage portal?
 (A) BharatUday (B) Awesome India
 (C) Bharat Dekho (D) Sahapedia
 (E) Shaan-e-India
30. Which airport became the world's first airport to completely operate on solar power?
 (A) Chennai International Airport
 (B) Indira Gandhi International Airport
 (C) Kochi Airport
 (D) Kempegowda International Airport
 (E) Chhatrapati Shivaji Airport
31. Ministry of Water Resources has signed an Implementation Agreement for Ganga Rejuvenation with
 (A) German International Cooperation (GIZ)
 (B) Brookfield Renewable Energy Partners LP
 (C) French Environment and Energy Management Agency
 (D) Solyndra, Inc.
 (E) French International Company
32. The first Maritime India Summit (MIS) was held at
 (A) Port Blair (B) Mumbai
 (C) Chennai (D) Puducherry
 (E) New Delhi
33. Prime Minister Narendra Modi launched the 'Pradhan Mantri Ujjwala Yojana' in Uttar Pradesh's Ballia in 2016. What is the primary objective of this ambitious scheme?
 (A) To provide 5 crore free cooking gas (LPG) connections to below-poverty-line families over the next three years
 (B) To provide 1 crore free cooking gas (LPG) connections to below-poverty-line families over the next two years
 (C) To provide 5 crore free cooking gas (LPG) connections to below-poverty-line families over the next two years
 (D) To provide 1 crore free cooking gas (LPG) connections to below-poverty-line families over the next three years
 (E) None of these
34. In April 2016, who among the following was appointed as Chairman of National Association of Software and Services Companies (NASSCOM) for 2016-2017?
 (A) B. V. R. Mohan Reddy
 (B) C. P. Gurnani
 (C) Raman Roy
 (D) R. Chandrashekhar
 (E) Dinesh Malkani
35. World Kidney Day is annually observed on
 (A) 10th March (B) 1st Thursday of March
 (C) 16th March (D) 2nd Thursday of March
 (E) 21st March
36. Which of the following biosphere reserves was included in the UNESCO's World Network of Biosphere Reserves in March 2016?
 (A) Simlipal Biosphere Reserve
 (B) Nanda Devi Biosphere Reserve
 (C) Nilgiri Biosphere Reserve
 (D) Gulf of Mannar Biosphere Reserve
 (E) Agasthyamala Biosphere Reserve
37. Who among the following became the first Indian athlete to win a gold medal in the Asian 20 km Race Walk Championships?
 (A) Irfan Kolothum Thodi
 (B) Gurmeet Singh
 (C) Khushbir Kaur
 (D) Manish Rawat
 (E) Sandeep Kumar
38. Where was the 'Make in India Week' held in February 2016?
 (A) Bengaluru (B) Hyderabad
 (C) Chennai (D) Mumbai
 (E) Delhi
39. In the Railway Budget 2016-17, the term Nav Arjan was mentioned. What does Nav Arjan mean?
 (A) New revenues (B) New investments
 (C) New norms (D) New felicities
 (E) New structures
40. In February 2016, which film was awarded the best picture in the 88th Academy Awards, popularly called the Oscars?
 (A) Birdman (B) Spotlight
 (C) 12 Years a Slave (D) Argo
 (E) The Artist

General English (40 Questions)

Directions for Questions 41 – 50: Read the passage and answer the following questions.

Tirthankaras are special liberated souls who have attained omniscience and guide the other souls to save them from

the cycles of repeated birth and death. Tirthankaras are just ordinary men, born human, but through their intense practice of kindness, equanimity and meditation, they attain the state of a Tirthankara.

Thus, a Tirthankara is an individual who destroys attachment with all the earthly things and relations, he frees himself absolutely from ignorance, he repays all his previous and this birth's dues of karmas, he detaches himself from all the good and bad, he attains absolute knowledge about present, past and future, and becomes an omniscient in the process. He becomes a Sidha and frees himself from the cycle of birth and re-birth.

Tirthankaras revitalize the Jain Order. During every half time cycle, twenty-four persons like us rise to the level of Tirthankara. Jainism states time has no beginning or end. It moves like the wheel of a cart. There have been an infinite number of time cycles before our present era and there will be an infinite number of time cycles after this age.

The 24 Tirthankaras are considered to be the creators of Jain religion. They are divine elements of Jainism. They have attained all the achievement of ultimate nature including the ultimate knowledge after making vigorous efforts. Their principles are for betterment and welfare of others. Their path is to provide fearless life, non-violence and to distribute love and friendship. Their vision of life is very wide and they have no insistence on anything. Their way of life is for giving up the passion for materialistic things and being free from the karmas.

After achieving enlightenment, a Tirthankara shows others the path to enlightenment. The Tirthankara's religious teachings form the Jain canons. The inner knowledge of all Tirthankaras is perfect and identical in every respect. Therefore, there are no contradictions in the Jain canon. However, the degree of elaboration varies according to the spiritual advancement and purity of humans during that period. The higher the spiritual advancement and purity of mind, the lower the elaboration required.

41. Why are there no differences in the teachings that form the Jain canon?
- (A) The higher the spiritual advancement and purity of mind, the lower the elaboration required.
 - (B) The degree of elaboration varies according to the spiritual advancement and purity of humans during that period.
 - (C) The inner knowledge of all Tirthankaras is perfect and identical in every respect.
 - (D) After achieving enlightenment, a Tirthankara shows others the path to enlightenment.
 - (E) Their vision of life is very wide and they have no insistence on anything.
42. Which of these characterizes a Tirthankara?
- A. He frees himself absolutely from ignorance.
 - B. He repays all his previous and this birth's dues of karmas.
 - C. He attains absolute knowledge and starts insisting upon it.
 - D. Each Tirthankara has unique knowledge about present, past and future.

- E. He detaches himself from all good things.
- (A) Both D and E (B) Only A
- (C) Both A and C (D) Only B
- (E) Both A and B

43. How does the degree of elaboration of teachings differ from one era to another?
- (A) The lower the spiritual advancement and purity of mind, the lower the elaboration required.
 - (B) The higher the spiritual advancement and purity of mind, the higher the elaboration required.
 - (C) The higher the spiritual advancement and purity of mind, the lower the elaboration required.
 - (D) All of the above
 - (E) None of these
44. What can be inferred about Jainism from the passage?
- (i) The Tirthankaras have a very straightforward idea of righteousness and wrongdoing.
 - (ii) The belief that attainment of knowledge is not easy and requires intense efforts on the part of the devotee.
 - (iii) Forgiveness is possible for past sins through intensive worship.
 - (iv) Promotes a humane outlook towards others.
 - (v) Detachment from all responsibilities is necessary.
- (A) Both (i) and (iii) (B) Both (ii) and (iv)
 - (C) Both (i) and (iv) (D) Both (ii) and (iii)
 - (E) Both (i) and (ii)
45. What is the tone of the passage?
- (A) Descriptive (B) Cynical
 - (C) Sarcastic (D) Nostalgic
 - (E) Critical
46. The Jain conception of time
- (A) has properly defined eras
 - (B) is cyclical like in other religions
 - (C) relies on paradox
 - (D) is infinite
 - (E) is undocumented
47. Which of the following words means the opposite of 'omniscient'?
- (A) Blissful (B) Ignorant
 - (C) Forgetful (D) Disturbing
 - (E) Violent
48. Give the correct synonym for 'materialistic'.
- (A) Expensive (B) Formal
 - (C) Mental (D) Spiritual
 - (E) Worldly

49. Which of the following words means the opposite of 'vigorous'?
- (A) Brisk (B) Feeble
(C) Dynamic (D) Efficient
(E) Effective
50. Which of the following words means the same as 'equanimity'?
- (A) Blessedness (B) Charity
(C) Spirituality (D) Quietness
(E) Calmness

Directions for Questions 51 – 55: In each question below, a sentence with four words/phrases printed in bold type is given. These are lettered as (A), (B), (C) and (D). One of these four words/phrases printed in bold may be either wrongly spelt or inappropriate in the context of the sentence. Find out the word/phrase which is wrongly spelt or inappropriate, if any. The letter of that word/phrase is your answer. If all the words/phrases printed in bold are correctly spelt and also appropriate in the context of the sentence, mark (E), i.e. 'All correct' as your answer.

51. Police **said** one of the gang's **kingpins** and two associates **was** involved in the city's cricket-betting **syndicates**.
(A) said (B) kingpins
(C) was (D) syndicates
(E) All correct
52. Over 10,000 litres of water **were** wasted to prepare a **temporary** helipad for **receiving** Union agriculture minister and state agriculture minister **in** Bhiwandi.
(A) were (B) temporary
(C) receiving (D) in
(E) All correct
53. The **dictum** that there is strength in **number** has been used **to** chilling effect by **mobs** in India.
(A) dictum (B) number
(C) to (D) mobs
(E) All correct
54. Market economics is **about** demand and supply, and companies **often** offer discounts to boost demand and **charges** premiums **when** the demand exceeds supply.
(A) about (B) often
(C) charges (D) when
(E) All correct
55. With soda **consumption** continuing to decline domestically, PepsiCo and Coca-Cola have been trying to **push up** sales by weaning people **of** cheaper options, including two-litre bottles, and making single-serve options **or** snazzier mini cans, which fetch more per ounce, and are more popular.

- (A) consumption (B) push up (C) of
(D) or (E) All correct

Directions for Questions 56 – 65: In the following passage, there are blanks, each of which is numbered. These numbers are printed below the passage and against each five words/phrases are suggested, one of which fits the blank appropriately. Find out the appropriate word/phrase in each case.

The overriding concern in the 80s was the quality of American education. Study after study documented the poor ___56___ of students in every subject ___57___, in comparison both with those of the past and with those of other countries, or warned about the folly of failing to educate the poor and the children of the ___58___ group. What happened in the 80s was a response to the dominant trends of the 70s. In the 70s, the conventional wisdom held that 'schools don't make a difference.' A bevy of surveys and studies in those years ___59___ the ambitious reform programs of the 60s. The most influential and widely ___60___ studies suggested that, compared with family background, schools had relatively little influence on students' life chances. This determinist view of schooling led many to ___61___ that if schools don't matter, then what you do in school doesn't matter either. This logic justified the deconstruction of the curriculum and the lowering of ___62___ and undercut the opinion of those ___63___ believed that all children should study science, mathematics, history, literature, foreign language, and the arts.

If schools don't make a ___64___, some people reasoned, why make children study foreign languages or anything else they don't choose on their own? Why insist that teachers have strong ___65___ credentials?

56. (A) chances (B) skills
(C) scores (D) routines
(E) habits
57. (A) area (B) ground
(C) position (D) location
(E) place
58. (A) rich (B) worthy
(C) intelligent (D) minority
(E) majority
59. (A) defied (B) fortified
(C) unmasked (D) enraged
(E) forced
60. (A) pushed (B) publicized
(C) revealed (D) spread
(E) separated
61. (A) result (B) find
(C) conclude (D) finish
(E) stress

62. (A) principles (B) rules
(C) standards (D) policies
(E) philosophies

63. (A) which (B) that
(C) whom (D) so
(E) who

64. (A) contrast (B) consequence
(C) characteristic (D) creation
(E) difference

65. (A) public (B) academic
(C) social (D) intellectual
(E) earthly

Directions for Questions 66 – 70: Rearrange the following six sentences 1, 2, 3, 4, 5 and 6 in the proper sequence to form a meaningful paragraph; and then answer the questions given below them.

1. Airlines operate with low internal relative humidity, often under 10%, especially on long flights.
2. Climate control refers to the control of temperature and relative humidity in buildings, vehicles and other enclosed spaces for providing human comfort and health.
3. The low humidity is a consequence of drawing in the very cold air with a low absolute humidity, which is found at airliner cruising altitudes.
4. In addition, there may be safety considerations.
5. For instance, high humidity inside a vehicle can lead to problems of condensation, such as misting of windshields and shorting of electrical components.
6. In sealed vehicles and pressure vessels such as pressurized airliners, submersibles and spacecraft, these considerations may be critical to safety.

66. What should be the first line of the given passage?
(A) 1 (B) 2 (C) 3
(D) 4 (E) 5

67. What should be the fourth line of the given passage?
(A) 2 (B) 4 (C) 3
(D) 1 (E) 6

68. What should be the second line of the given passage?
(A) 1 (B) 2 (C) 3
(D) 4 (E) 6

69. What should be the third line of the given passage?
(A) 1 (B) 2 (C) 3
(D) 4 (E) 5

70. What should be the fifth line of the given passage?
(A) 1 (B) 2 (C) 3
(D) 4 (E) 5

Directions for Questions 71 – 75: Each of the following sentences tests your ability to recognize grammar and usage errors. The sentence contains either a single error or no error at all. The sentence does not contain more than one error. The error, if there is one, is lettered. If the sentence contains an error, select the letter that must be changed to make the sentence correct. If the sentence is correct, select (E), i.e. No error.

71. (A) One of the nice thing about being a central bank governor
(B) is that the markets hang on to every word you say
(C) treating every syllable, nuance, and twitch of the face as a market cue
(D) of the face as a market cue
(E) No error

72. (A) I can't barely see where
(B) I am going; we should
(C) have brought a torch
(D) to light our way
(E) No error

73. (A) Mathematics is my
(B) favourite subject because
(C) it is challenging, interesting
(D) and excites me
(E) No error

74. (A) In 2004, Prince was inducted
(B) into the Rock and Roll Hall of Fame
(C) which hailed him as a
(D) musical and social trailblazer
(E) No error

75. (A) Quite lot of the students in our class
(B) were born in America, but many
(C) of them
(D) grew up in India
(E) No error

Directions for Questions 76 – 80: Each sentence below has two blanks, each blank indicating that something has been omitted. Choose the set of words for each blank that best fits the meaning of the sentence as a whole.

76. In the year of Mohandas's birth, Rana Vikmatji was exiled, _____ of direct administrative power and _____ in rank by the British political agent.
(A) robbed; given (B) stripped; demoted
(C) taken; cut (D) denied; descended
(E) forced, diminished

77. Earth Day is an annual event, _____ on April 22, on which day events worldwide are held to _____ support for environmental protection.
 (A) seen; present
 (B) labeled; depict
 (C) celebrated; demonstrate
 (D) named; observe
 (E) originated; remember
78. Antonia _____ the fact that McDonald's forced children to conform to gender stereotypes by _____ to toys in their Happy Meals as 'girl toys' and 'boy toys' and asking families to choose which they preferred.
 (A) aggrieved; calling
 (B) offended; naming
 (C) annoyed; citing
 (D) resented; referring
 (E) objected; denoting
79. The bulk of Sappho's poetry, which was well-known and greatly _____ through much of antiquity, has been lost, but her immense reputation has _____ through surviving fragments.
 (A) admired; endured
 (B) loving; surfaced
 (C) complimented; remaking
 (D) honoring; remaining
 (E) suggested; created
80. The Sense of an Ending is _____ by a retired man named Tony Webster, who recalls how he and his friends met Adrian Finn at school and _____ to remain friends for life.
 (A) said; promised (B) narrated; vowed
 (C) spoke; pledged (D) describe; sworn
 (E) argue; assured

Quantitative Aptitude (40 Questions)

Directions for Questions 81 – 85: What approximate value will come in place of the question mark (?) in the following questions? (You are not expected to calculate the exact value.)

81. $\frac{340}{20.002} \div \frac{29.997}{510} \times \frac{179.909}{59.919} = ?$
 (A) 760 (B) 800 (C) 69
 (D) 870 (E) 780
82. $1299 \div 19.99 \times 25.01 + 400.01 = ?$
 (A) 2025 (B) 2300
 (C) 1925 (D) 2200
 (E) 1700
83. $(827 + 328 - 563) \div (712 - 41 \times 11) = ?$
 (A) 1 (B) 2 (C) 3
 (D) 4 (E) 6
84. $6\sqrt{2} + 16.05975 = ?$ of 196.35
 (A) $\frac{1}{3}$ (B) $\frac{1}{4}$ (C) $\frac{1}{8}$
 (D) $\frac{1}{5}$ (E) $\frac{1}{2}$
85. $\frac{670.456}{12.624} \times 5.674 = ?$
 (A) 301 (B) 305 (C) 310
 (D) 307 (E) 311

Directions for Questions 86 – 90: What will come in the place of the question mark (?) in the following expressions?

86. $\sqrt{15^2 \times 12 \div (9) - 125 + 21} = ?$
 (A) 18 (B) 24 (C) 196
 (D) 56 (E) None of these
87. $\frac{1}{6}$ of 92% of $1\frac{1}{23}$ of (650) = $87 + ?$
 (A) 18 (B) 21 (C) 17
 (D) 28 (E) None of these
88. $126 \div 14 \times (9)^2 - 53 = (?)^2$
 (A) 26 (B) $\sqrt{26}$
 (C) - 729 (D) 27
 (E) None of these
89. $1\frac{3}{4} + 1\frac{7}{8} - 1\frac{5}{6} = ?$
 (A) $1\frac{17}{24}$ (B) $2\frac{19}{24}$ (C) $5\frac{3}{8}$
 (D) $1\frac{5}{8}$ (E) None of these
90. $\frac{10 \div 3 \times 27 \div 9}{22.5 \div 7.5 \times 5 \div 4} = ?$
 (A) 2.6 (B) 5.7 (C) 2.5
 (D) 6.8 (E) None of these

Directions for Questions 91 – 95: Complete the series.

91. 18, 20, 15, 17, 12, 14, _____
 (A) 9 (B) 21 (C) 25
 (D) 31 (E) 10

92. 4, 3, 8, 6, 12, 9, _____
 (A) 16 (B) 15 (C) 18
 (D) 12 (E) 14
93. 5, 12, 27, 58, 121, _____
 (A) 248 (B) 207 (C) 508
 (D) 121 (E) None of these
94. 5, 6, 15, 50 _____
 (A) 207 (B) 157 (C) 155
 (D) 205 (E) None of these
95. 0, 6, 24, 60, 120, 210 _____
 (A) 336 (B) 280 (C) 335
 (D) 295 (E) None of these
96. The simple interest on a certain sum of money for 4 years at 4% per annum exceeds the compound interest on the same sum for 3 years at 5% per annum by Rs. 228. Find the sum.
 (A) Rs. 96,000 (B) Rs. 91,000
 (C) Rs. 86,000 (D) Rs. 81,000
 (E) Rs. 80,000
97. On what sum will the difference between simple interest and compound interest for 3 years at 5% p.a. be equal to Rs. 12.20?
 (A) Rs. 1200 (B) Rs. 1500
 (C) Rs. 1600 (D) Rs. 2000
 (E) None of these
98. A certain sum of money at a certain rate of interest amounts to Rs. 5900 in 3 years and Rs. 7400 in 8 years. It will amount to Rs. 8000 at the same rate of interest in
 (A) 11 years (B) 10 years
 (C) 16 years (D) 13 years
 (E) None of these
99. A man bought two horses for Rs. 30,000 each. He sold one of them at a profit of 20% and the other at a loss of 10%. What was his net profit/loss? By what percent over the previous gain/loss would the profit have increased/decreased if he had sold the first horse at a profit of 25% and the second at a loss of 21%?
 (A) 5%, 70% (B) 5%, 60%
 (C) 6%, 70% (D) 7%, 80%
 (E) 60%, 5%
100. 'A' alone can do a piece of work in 24 days. If his friend 'B' joins him for the first 4 days, the work is finished in 6 days less. How many days will B alone take to do the work?
 (A) 12 days (B) 15 days
 (C) 16 days (D) 18 days
 (E) 20 days
101. A shopkeeper purchased 100 watches from a wholesale market at Rs. 50 each, out of which 10 were found damaged. What price should be charged on the remaining watches, if he wishes to earn a profit of 20%?
 (A) Rs. 33.33 per watch
 (B) Rs. 55 per watch
 (C) Rs. 60 per watch
 (D) Rs. 66.66 per watch
 (E) Rs. 72.25 per watch
102. Two pipes A and B can fill a tank in 15 hours and 20 hours, respectively. How long will it take to fill the tank if both pipes are used together?
 (A) $8\frac{4}{7}$ hours (B) $17\frac{1}{2}$ hours
 (C) $12\frac{1}{2}$ hours (D) $15\frac{4}{7}$ hours
 (E) None of these
103. Two boxes A and B were filled with coffee and chicory mix in box A in the ratio 5 : 3 and in box B in the ratio 7 : 3. What quantity must be taken from each box to form a mixture which shall contain 6 kg of coffee and 3 kg of chicory, respectively?
 (A) 4, 6 (B) 5, 6 (C) 4, 5
 (D) 6, 7 (E) None of these
104. A is twice as efficient as B and thrice as efficient as C. If A and B work together, then the work can be done in 5 days less than the time required to do the work by A and C together. If all the three work together, then how many days will they take to do the work?
 (A) $23\frac{3}{11}$ days (B) $28\frac{7}{11}$ days
 (C) $30\frac{3}{4}$ days (D) $32\frac{8}{11}$ days
 (E) Cannot be determined
105. A and B can do a piece of work in 20 and 30 days, respectively. A, B and C worked together to complete the work. They got Rs. 900 for completing the work. If they shared the money according to the work done by them, then B got Rs. 150 more than the amount C got. How many days did it take them to complete the work?
 (A) 8 days (B) 10 days
 (C) 12 days (D) 15 days
 (E) 20 days
106. In a race, A beats B by 12 metres and C by 18 metres. In another race of the same length, B beats C by 8 metres. The speeds of A, B and C remain constant. The length of the track (in metres) is
 (A) 48 (B) 56 (C) 72
 (D) 80 (E) 84

107. A piece of work can be completed in 19 days by 5 men or 9 women. How long will it take to complete the same work by 3 men and 6 women?
 (A) 15 days (B) 4 days
 (C) 6 days (D) 12 days
 (E) 18 days
108. A sailor travels in a boat 8 km downstreams in 40 minutes and returns to the same point in 1 hour. What is the speed of the boat in still water?
 (A) 6 kmph (B) 12 kmph
 (C) 9 kmph (D) 8 kmph
 (E) 10 kmph
109. A motorboat can travel at the speed of 10 km/hr in still water. It travelled 91 km downstreams and then returned, taking 20 hours altogether. What is the rate of flow of the river?
 (A) 4 km/hr (B) 3.5 km/hr
 (C) 3 km/hr (D) 2.5 km/hr
 (E) 1.5 km/hr
110. A and B worked together and completed a piece of work in 24 days. They got some money for their work. If they distribute that money according to their work, A will get 50% more money than B. In how many days can B alone complete the work?
 (A) 40 (B) 48 (C) 50
 (D) 60 (E) 72

Directions for Questions 111 – 115: Study the following information and answer the questions that follow:

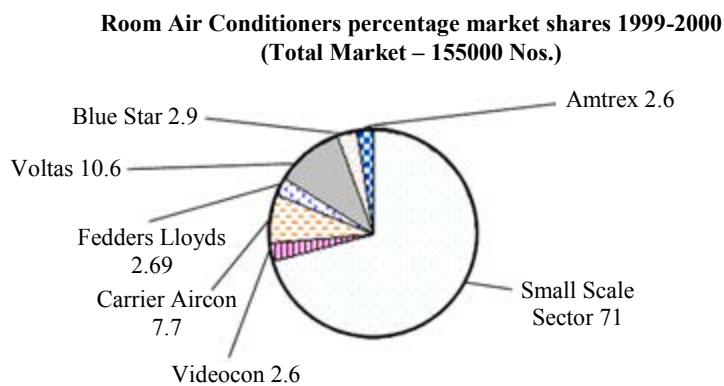
Mukesh works in a bakery. He planned for the upcoming festive season. He bought two types of flour to bake cakes, pastries and cookies. The weight of each cake is either 1 kg or 5 kg. The price of one kind of flour 'A' is Rs. 40 per kg and that of kind 'B' is Rs. 30 per kg. The weights of cream used on 5 kg cake, 1 kg cake and pastries are 250 gm, 100 gm and 10 gm, respectively. The price of cream is Rs. 300 per kg.

111. If Mukesh used flour A to bake 2 cakes of 1 kg and 1 cake of 5 kg, then what amount would it cost to him?
 (A) Rs. 280 (B) Rs. 130
 (C) Rs. 415 (D) Rs. 260
 (E) None of these
112. If Mukesh sold 2 cakes weighing 1 kg each, made of flour A, at the price of Rs. 161 for both, then what is the profit % for Mukesh in this sale?
 (A) 12% (B) 10%
 (C) 22% (D) 15%
 (E) None of these
113. Suppose 2 kg flour is required to bake 1500 cookies. Mukesh used flour B for the order of 3 cakes of 1 kg, 2 cakes of 5 kg and some cookies.

The total cost for him was Rs. 720. How many cookies had he baked/sold for that order?

- (A) 1000 (B) 500
 (C) 1500 (D) 2250
 (E) None of these
114. If the rate of flour A has increased by Rs. 5, what is the percentage increase in the cost price of 1 kg cake to the bakery?
 (A) 5% (B) 10.4%
 (C) 6.8% (D) 8.6%
 (E) None of these
115. The amount of flour required for each pastry is 200 gm. If flour B is used to bake cakes and pastries, what is the ratio of cost of 5 pastries to the cost of 1 cake of 1 kg?
 (A) 1 : 1 (B) 3 : 4
 (C) 4 : 3 (D) 2 : 3
 (E) None of these

Directions for Questions 116 – 120: These questions are based on the pie-chart given below:



116. How many air conditioners did Carrier Aircon sell less than Videocon, Amtrex and Blue Star together?
 (A) 62 (B) 6200 (C) 620
 (D) 62000 (E) None of these
117. If the average price of room air conditioners manufactured by Small Scale sector is Rs. 21,275 and that of the other manufactures is Rs. 28,925, then what is the approximate average price of a room air conditioner sold in 1999-2000?
 (A) Rs. 25,250 (B) Rs. 22,750
 (C) Rs. 24,500 (D) Rs. 23,310
 (E) None of these
118. If Carrier Aircon showed a growth of 10% from 1998-1999 to 1999-2000, whereas the market grew by 7% during the same period, then what was the market share of Carrier Aircon in 1998-1999?

- (A) 7.81% (B) 7.49%
(C) 7.92% (D) 7.74%
(E) None of these

119. It was found that the small scale sector actually affected 5% of its sales to Voltas under a sub-contracting agreement. If this double counting is removed, what will be the market share of the small scale sector in 1999-2000?
(A) 67.5% (B) 68.7%
(C) 69.9% (D) 71.2%
(E) None of these

120. If Blue Star increases its sales by 505 air conditioners from 1999-2000 to 2000-2001 when the market grows by 6% during the same period, then what will be the market share of Blue Star in 2000-2001?
(A) 3.42% (B) 4.08%
(C) 3.52% (D) 2.81%
(E) None of these

Reasoning Ability (40 Questions)

Directions for Questions 121 – 125: Answer the given questions based on the following information.

At first floor of Ganga Hostel, the entry doors of rooms numbered - 201, 203, 205, 207 and 209 - are going to be painted by a painting company. There are six colours to choose from - grey, blue, red, yellow, green and tan. The doors are painted based on the following rules:

A door of the room adjacent to one painted in one colour can be painted with the same colour.

No more than three doors can be painted with the same colour.

No more than one door can be painted red.

If 201's door is painted red, no door can be painted yellow.

If a door of room numbered higher than a room having green-coloured door is painted blue, then there are exactly two rooms whose doors are painted blue.

A door of room 209 is painted grey.

121. Which of the following is an acceptable order of colours for doors of the rooms from 201 to 209, respectively?
(A) Red, tan, blue, green, grey
(B) Red, tan, green, blue, grey
(C) Yellow, red, tan, red, blue
(D) Green, grey, grey, grey, grey
(E) None of these
122. Three doors can be painted blue if the door of room 201 is painted in any of the following colours, except
(A) green (B) red (C) tan
(D) grey (E) None of these
123. Suppose the doors are painted using the maximum number of different colours, 201 is painted red and 203 is painted tan. Which of the following sets of colours must be used?
(A) 205: blue; 207: green
(B) 205: blue; 207: grey
(C) 205: green; 207: grey
(D) 205: red; 207: grey
(E) None of these

124. If doors of rooms 201, 203 and 205 respectively are painted tan, red and green, then it must be true that

- (A) no door is painted blue
(B) no door is painted grey
(C) no door is painted yellow
(D) the doors are painted using four colours
(E) None of these

125. If the doors of rooms 201 and 203 are both painted yellow, which of the following CANNOT be the colours used to paint the three other room's doors?

- (A) Grey, grey, grey (B) Tan, red, grey
(C) Red, grey, grey (D) Green, blue, grey
(E) None of these

126. If in the word PROJECTING, all the vowels are first arranged alphabetically and then all the consonants are arranged alphabetically, then which letter will be fifth from the left?

- (A) C (B) N (C) J
(D) G (E) None of these

127. If SHOP is coded as TUIJPQQR, how will GOAT be coded?

- (A) IHPQBCUV (B) HIPQBCUV
(C) HIRSBCUV (D) HISTUVBC
(E) None of these

128. If ARUL is coded as 52, then BINA is coded as
(A) 40 (B) 26 (C) 30
(D) 20 (E) None of these

129. Refer to the data below and answer the question that follows.

R * 2 7 5 E ! & A S O 3 = 4 # N I N @ 8 ! N 6 & G

How many letters are immediately followed by a symbol in the above series, provided we are moving from left to right?

- (A) 2 (B) 4 (C) 5
(D) 3 (E) None of these

130. Find the odd term.
 (A) ZYC (B) TUX
 (C) NMQ (D) CBF
 (E) None of these
131. Tom and Jerry start moving in opposite directions from a point and cover 5.2 km each. Thereafter, Jerry moves right and covers another 3 km. Tom also moves right and covers 3 km. Again, Jerry moves left and covers 5.2 km. Tom moves right and covers 15.6 km. How far apart are they from each other?
 (A) 10.4 km (B) 15 km
 (C) 5.2 km (D) 6 km
 (E) Cannot be determined
132. Consider the following statements and answer the question:
 I. F is the brother of A.
 II. C is the daughter of A.
 II. K is the sister of F.
 V. G is the brother of C.
- Who is the uncle of G?
 (A) A (B) C (C) F
 (D) K (E) Either K or F
133. The following item has a question followed by three statements numbered I, II and III. You have to decide the data provided in which of the statements is sufficient to answer the question.
- How is 'DATE' written in a code language?
Statements:
 I. READ is written as \$ # @ ? in that code language.
 II. TREAT is written as % \$ # @ % in that code language.
 III. TEAR is written as % # @ \$ in that code language.
 (A) Only I and II (B) Only II and III
 (C) All I, II and III (D) Only I and either II or III
 (E) None of these
134. Mohan correctly remembers that his father's birthday is before twentieth January but after sixteenth January whereas his sister correctly remembers that their father's birthday is after eighteenth January, but before twenty-third January. On which date in January is definitely their father's birthday?
 (A) Eighteenth (B) Nineteenth
 (C) Twentieth (D) Data inadequate
 (E) None of these

Directions for Questions 135 – 139: Each of the questions below consists of three statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at

variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follow(s) from the given statements disregarding commonly known facts.

- (A) Only conclusion I follows
 (B) Only conclusion II follows
 (C) Either conclusion I or conclusion II follows
 (D) Neither conclusion I nor conclusion II follows
 (E) Both conclusion I and conclusion II follow

135. **Statements:**
 No day is night.
 All nights are noon.
 No noon is an evening.
Conclusions:
 I. No evenings are nights.
 II. All days being noon is a possibility.

136. **Statements:**
 All brats are craps.
 Some brats are folds.
 All villas are folds.
Conclusions:
 I. All craps are villas is a possibility.
 II. Some folds are not craps.

137. **Statements:**
 Some bats are fats.
 Some rats are fats.
 Some great are bats.
Conclusions:
 I. No fat is great.
 II. Some great are rats is a possibility.

138. **Statements:**
 Some bats are fats.
 Some rats are fats.
 Some greats are bats.
Conclusions:
 I. Some fats are rats.
 II. Some fats are not rats.

139. **Statements:**
 All brats are craps.
 Some brats are folds.
 All villas are folds.
Conclusions:
 I. All brats being villas is a possibility.
 II. All craps which are brats are definitely folds.

Directions for Questions 140 – 144: Study the following information carefully and answer the questions that follow.

- (i) Eleven students: A, B, C, D, E, F, G, H, I, J and K, are sitting in the first row of a class facing the teacher.
 (ii) D, who is to the immediate left of F, is second to the right of C.

- (iii) A is second to the right of E, who is at one of the extreme ends.
- (iv) J is the immediate neighbour of A and B, and is third to the left of G.
- (v) H is to the immediate left of D and is third to the right of I.
140. Who is sitting midway between E and H?
(A) J (B) B (C) I
(D) G (E) None of these
141. Which of the following statements is NOT true in context of the given seating arrangement?
(A) There are seven students sitting between K and D.
(B) G is the immediate neighbour of I and C.
(C) H is the immediate neighbour of D and F.
(D) K is between E and A.
(E) F is third to the right of C.
142. To obtain the respective seats of all the persons, which statement given in the information is NOT required?
(A) (i) (B) (ii) (C) (iii)
(D) (iv) (E) None of these
143. Besides E, who among the following is at the extreme end?
(A) K (B) F (C) B
(D) Can't say (E) None of these
144. Which of the following groups is to the left of I?
(A) AJB (B) GCH
(C) HDF (D) AJH
(E) None of these

Directions for Questions 145 – 149: Study the following information to answer the questions given below:

A machine rearranges an input line step-by-step by following a particular rule in each step. The following is an illustration of input and steps of rearrangement:

Input: 82 7 theatre 102 get away 15 apple 38 some 65 operate 94 33 soon rescue 73 home

Step 1: 7 theatre 82 102 get away 15 apple 38 some 65 operate 94 33 soon rescue 73 home

Step 2: 7 102 theatre apple 82 get away 15 38 some 65 operate 94 33 soon rescue 73 home

Step 3: 7 102 15 theatre apple soon 82 get away 38 some 65 operate 94 33 rescue 73 home

Step 4: 7 102 15 94 theatre apple soon away 82 get 38 some 65 operate 33 rescue 73 home

Step 5: 7 102 15 94 33 theatre apple soon away some 82 get 38 65 operate rescue 73 home

Step 6: 7 102 15 94 33 82 theatre apple soon away some get 38 65 operate rescue 73 home

Step 7: 7 102 15 94 33 82 38 theatre apple soon away some get rescue 65 operate 73 home

Step 8: 7 102 15 94 33 82 38 73 theatre apple soon away some get rescue home 65 operate

Step 9: 7 102 15 94 33 82 38 73 65 theatre apple soon away some get rescue home operate

This is the final arrangement and step 9 is the last step for this input.

According to the rules followed in the above steps, answer the given questions based on the following input line:

Input: 70 10 plander 150 plank 32 sit 65 ton 25 can 4 arouse 43 more 83 zip height

145. What will be step 6 of the given input?
(A) 4 150 10 83 25 70 32 65 zip arouse ton can sit height plank more plander 43
(B) 4 150 10 83 zip arouse ton can 70 plander plank 32 sit 65 25 43 more height
(C) 4 150 10 83 25 70 zip arouse ton can sit height plander plank 32 65 43 more
(D) 4 150 10 83 25 zip arouse ton can 70 sit plander plank 32 65 43 more height
(E) 4 150 10 83 25 zip arouse ton 70 can sit plander plank 32 65 43 more height
146. Which word/number comes immediately left of the fourth word from the right end in step 4?
(A) plander (B) plank (C) 65
(D) 43 (E) 32
147. What will be the fifth word/number to the right of the word 'height' in step 6 of the given input?
(A) sit (B) plank
(C) more (D) 65
(E) 43
148. Which step is the last but one for the given input?
(A) 8 (B) 7 (C) 9
(D) 6 (E) 3
149. How many steps are there in the given input?
(A) Eight (B) Thirteen (C) Ten
(D) Eleven (E) Nine
150. In the following question, the symbols +, -, * and / are used with the following meanings:
'A + B' means 'A is the father of B'.
'A - B' means 'A is the mother of B'.
'A * B' means 'A is the brother of B'.
'A / B' means 'A is the sister of B'.

If A / B + C * D - E, then A is E's
(A) great aunt (B) brother
(C) maternal uncle (D) mother
(E) None of these

Directions for Questions 151 – 152: Read the following information and answer the questions that follow:

In a row, some students are sitting according to their ranks from left to right in ascending order. Anirudh is sitting at the 17th position from the left and Deepak is sitting at the 7th position from the right. Chandan is sitting at the 8th position from Anirudh towards his right and Bano is sitting at the tenth position from Deepak towards his left. It is given that no student is sitting between Bano and Chandan.

151. If Bano got more marks than Chandan, how many students are there in the class?
 (A) 48 (B) 56 (C) 44
 (D) 40 (E) 45
152. What is the rank of Chandan from the left?
 (A) 26 (B) 24 (C) 25
 (D) 28 (E) None of these
153. Which letter of the following alphabet is the 6th letter to the right of the letter which is 19th from the right?
 A C E G I K M O Q S U W Y B D F H J L N P R
 T V X Z
 (A) B (B) L (C) M
 (D) O (E) None of these

Directions for Questions 154 – 158: In the following questions, the symbols *, ©, @, % and \$ are used with the following meanings as illustrated below:

P * Q' means 'P is neither smaller than nor equal to Q'.
 'P © Q' means 'P is neither greater than nor equal to Q'.
 'P @ Q' means 'P is not greater than Q'.
 'P % Q' means 'P is not smaller than Q'.
 'P \$ Q' means 'P is neither smaller than nor greater than Q'.
 Assuming the given statements to be true, find which of the conclusions given below is/are definitely true. Mark your answer as:

- (A) if only conclusion I is true
 (B) if only conclusion II is true
 (C) if either conclusion I or II is true
 (D) if neither conclusion I nor II is true
 (E) if both conclusions I and II are true

154. **Statements:**
 H @ K, K % D, D \$ B
Conclusions:
 I. H @ B
 II. B @ K

155. **Statements:**
 M % F, F © R, R * K
Conclusions:
 I. K © F
 II. M * R

156. **Statements:**
 A * F, H @ F, M © H
Conclusions:
 I. M © F
 II. A * H

157. **Statements:**
 R © M, M * W, T @ W
Conclusions:
 I. T © M
 II. T © R

158. **Statements:**
 J © K, K @ D, D \$ F
Conclusions:
 I. F * K
 II. F \$ K

Directions for Questions 159 – 160: Read the following information and answer the given questions.

A small elevator starts at the 1st floor with 3 persons and stops at the 5th floor with 5 persons. The elevator can accommodate only 5 persons at one time. The elevator makes only 3 stops including the destination. On this trip, the elevator goes only up. The elevator can hold only 400 kg of weight or it breaks. 3 persons get on at the 2nd floor.

159. Which of the following must be true?
 (A) At least 1 person gets off at the 2nd floor.
 (B) At least 2 persons get off at the 2nd floor.
 (C) No one gets off at the 3rd floor.
 (D) Only 1 person gets off at the 2nd floor.
 (E) None of these
160. Which of the following must also be true?
 (A) Only 1 person on the elevator weighed over 100 kg.
 (B) 6 persons could get on the elevator.
 (C) Each person getting on the elevator at the 1st stop weighed less than 60 kg.
 (D) The average weight of the persons at the 5th floor did not exceed 80 kg.
 (E) None of these

Computer Ability (40 Questions)

161. A 16-bit microprocessor means that it has
 (A) 16 address lines (B) 16 buses
 (C) 16 data lines (D) 16 routes
 (E) None of these

162. One can specify a URL by typing it in the browser's
 (A) task bar (B) history list
 (C) address box (D) home page
 (E) None of these

163. The first page of a website is called
 (A) homepage (B) javascript
 (C) introduction page (D) start page
 (E) None of these
164. What is a cookie?
 (A) Internet information file
 (B) Intranet file
 (C) Image file
 (D) Sound driver file
 (E) None of these
165. Which of the following options is not present in Notepad?
 (A) Text size (B) Text font
 (C) Word wrap (D) Subscript
 (E) Find
166. An operating system is a/an _____ software.
 (A) communication (B) application
 (C) system (D) word-processing
 (E) None of these
167. Which of the following is NOT a text file extension?
 (A) .odtq (B) .doc
 (C) .wps (D) .mpa
 (E) .txt
168. Which of the following computer programs convert(s) source code into machine code for further execution?
 (A) Translator (B) Compiler
 (C) Interpreter (D) Both (A) and (B)
 (E) Both (B) and (C)
169. Files that are in constant use are held in _____ for quick access.
 (A) RAM (B) ROM
 (C) Hard disk (D) Registers
 (E) Flash memory
170. Which of the following is not an Open Source Software?
 (A) Linux (B) Unix
 (C) MS Windows (D) Mozilla Firefox
 (E) Google Chrome
171. ASCII is a character-encoding scheme used in computers and various communication devices. What does ASCII stand for?
 (A) American Subscript Code for Information Interchange
 (B) American Standard Code Institute of Information
 (C) American Standard Code for Information Interchange
 (D) American Scheme for Character Interchange and Interpretation
 (E) None of these
172. Source code embedded in microprocessors is written in _____.
 (A) assembly language
 (B) high-level language
 (C) human understandable language
 (D) embedded language
 (E) intermediate language
173. A _____ is the main printed circuit board that holds and allows communication between many of the crucial electronic components of a computer system.
 (A) Microchip (B) Microprocessor
 (C) Motherboard (D) Modem
 (E) Sockets
174. Which of the following is a type of one time programmable ROM?
 (A) PROM (B) EPROM
 (C) EEPROM (D) EAPROM
 (E) None of the above
175. Which of the following is input as well as output device?
 (A) Barcode reader
 (B) Electronic whiteboard
 (C) Punch card reader
 (D) Modem
 (E) Plotter
176. A device that enables a computer to transmit data over telephone or cable lines is called
 (A) router (B) modem
 (C) codec (D) network interface card
 (E) None of the above
177. Which of the following devices is a *sequential-access* device, which means that to read any particular block of data, you need to read all the preceding blocks?
 (A) Tape drive (B) Hard disk
 (C) Compact disk (D) Floppy disk
 (E) None of these
178. The topmost row of the window is called
 (A) window frame (B) title bar
 (C) slide bar (D) side bar
 (E) menu bar
179. Which menu contains commands to perform various operations such as changing the size of the active window?
 (A) File menu (B) Insert menu
 (C) View menu (D) Control menu
 (E) None of the above

180. What is the command to open the 'control menu' for the Program Manager Window?
 (A) Ctrl + alt (B) Alt + shift
 (C) Ctrl + shift (D) Alt + spacebar
 (E) Ctrl + spacebar
181. What are the elements of formula used in Microsoft Excel?
 (A) Cell references
 (B) Values or text
 (C) Mathematical operators
 (D) Worksheet functions
 (E) All of the above
182. A formula in Microsoft Excel begins with
 (A) – (B) @ (C) %
 (D) # (E) =
183. What is/are the different type(s) of cell references used in formulas in Microsoft Excel?
 (A) Relative references
 (B) Absolute references
 (C) Mixed references
 (D) All (A), (B) and (C)
 (E) None of the above
184. Which built-in function in Microsoft Excel helps in joining two or more text strings?
 (A) TRIM (B) CONCATENATE
 (C) LINK (D) ADD
 (E) JOIN
185. The toolbar in Microsoft Word which contains icons for basic functions like opening files, saving files, printing files, cut, copy, paste, etc. is
 (A) Menu bar
 (B) Scroll bar
 (C) Formatting toolbar
 (D) Standard toolbar
 (E) Status bar
186. The insertion pointer, which denotes the place where text, graphics or any other item would be placed when typed or inserted in Microsoft Word, is
 (A) mouse pointer
 (B) insert
 (C) current line number
 (D) cursor
 (E) over type
187. Which command in Microsoft Word opens print preview of a word document?
 (A) Ctrl + F1 (B) Ctrl + F2
 (C) Ctrl + F3 (D) Ctrl + F4
 (E) Ctrl + F5
188. What is filtering of data in Microsoft Excel?
 (A) Displaying the selected rows and columns
 (B) Highlighting the selected rows and columns
 (C) Displaying only those rows that meet certain conditions
 (D) Displaying only those rows that do not meet certain conditions
 (E) None of the above
189. The conditions under which data can be sorted in Microsoft Excel are:
 (A) values (B) cell color
 (C) font color (D) cell icon
 (E) All of the above
190. _____ is decorative text that can be added to a word document.
 (A) Clip Art (B) SmartArt
 (C) WordArt (D) Font face
 (E) Gallery of style
191. _____ is set up by default with a list of typical misspellings and symbols in Microsoft Word.
 (A) Autofill (B) Autoformat
 (C) Autocorrect (D) Autotext
 (E) Autoinsert
192. _____ is a useful tool that allows user to produce multiple letters, labels, envelopes, name tags and more using information stored in a list, database or spreadsheet.
 (A) Mailings (B) References
 (C) Mail Merge (D) Mark up
 (E) None of the above
193. _____ keeps the headings visible while the user scrolls through the worksheet in Microsoft Excel.
 (A) Freeze pane (B) Cold pane
 (C) Quick – freeze (D) Suspend pane
 (E) Set pane
194. Which command allows the user to automate any task in Microsoft Excel?
 (A) Micro (B) Macro
 (C) Sort (D) Auto
 (E) Wrap
195. What can help in Microsoft Excel to transform endless rows and columns of numbers into a meaningful presentation of the data?
 (A) Mail merge (B) Table
 (C) Pivot table (D) Page layout
 (E) None of these
196. Which command is used to switch between open workbooks in Microsoft Excel?
 (A) Ctrl+F2 (B) Ctrl+F4
 (C) Ctrl+ F6 (D) Ctrl+F8
 (E) Ctrl+f7

197. Which command is used in Microsoft Excel to create a chart from selected area?
(A) F1 (B) F7 (C) F10
(D) F11 (E) F12
198. Software that is sold by individuals or companies for a nominal fee and is downloaded and tried out before buying and registering it.
(A) Shareware (B) Freeware
(C) Utility software (D) Application software
(E) System software
199. The function of logic unit of ALU is
(A) Comparing data
(B) Selecting data
(C) Matching data
(D) Merging data
(E) All of the above
200. Which is an example of Special Purpose keys on keyboard?
(A) Enter (B) 4 (C) D
(D) Ctrl (E) F3

IBPS Clerical (Mains) Mock Test – 4

General/Financial Awareness (40 Questions)

1. If Reserve Bank of India (RBI) increases Repo Rate, then rate of interest of the loans offered by banks
(A) decreases (B) becomes zero
(C) becomes 100% (D) increases
(E) None of these
2. Individualisation is the process of
(A) customer relationship management
(B) customerisation
(C) customer information
(D) storage
(E) transport
3. What is the full form of 'SLR' as used in the banking sector?
(A) Statutory Liquidity Ratio
(B) Single Adjustment Rate
(C) Self Legal Ratio
(D) Smart Lending Rate
(E) None of these
4. Which of the following banks was the first to provide internet banking in India?
(A) SBI (B) HSBC
(C) ICICI Bank (D) Axis Bank
(E) HDFC Bank
5. Which of the following is not a banking organisation?
(A) HDFC (B) IDBI
(C) YES (D) SEBI
(E) None of these
6. Which of the following cannot be called as a debt instrument as referred in financial transactions?
(A) Certificate of deposits
(B) Bonds
(C) Stocks
(D) Commercial papers
(E) Loans
7. When we discuss Negotiated Dealing System, it denotes
(A) settlement of security dealing
(B) trading in stock markets
(C) trading in government securities
(D) settlement of claims
(E) None of these
8. Asset Reconstruction Company is associated with
(A) DICGC (B) ECGC
(C) NPA (D) SEBI
9. (E) IRDA
Human Development Report is released by
(A) UNDP
(B) World Bank
(C) Government of India
(D) UNICEF
(E) Asian Development Bank
10. Electronic clearing service in banks can be availed by
(A) senior citizens only
(B) corporates only
(C) individuals only
(D) All of these
(E) None of these
11. The RBI has given its permission for cash withdrawal at 'POS terminals'. What is the full form of 'POS'?
(A) Permitted on Sale
(B) Potential of Service
(C) Point of Sale
(D) Permission of Sale
(E) None of these
12. Who was appointed the Chief Executive Officer and Managing Director of Tata Motors Group in January 2016?
(A) Karl Slym
(B) Guenter Butschek
(C) Ravindra Pisharody
(D) Subodh Bhargava
(E) Naseer Munjee
13. What does 'Gold Standard' mean?
(A) It is a system where the total currency is backed by gold reserves.
(B) It is a system where the purity of gold is standardised.
(C) It is a system where the value of ornaments is standardised.
(D) It is a system on the basis of which IMF quota of member countries is decided.
(E) None of these
14. Normally, banks accept fixed deposits for a maximum period of
(A) 5 years (B) 3 years
(C) 10 years (D) 20 years
(E) any number of years
15. Which of the following is/was not included in the agenda set for banking reforms in India?

- (A) Dismantling of administered interest rates
(B) Measures to strengthen risk management
(C) Promulgation of SARFAESI Act
(D) Promotion of the concept of easy credit to all with a guaranteed subsidy from the government
(E) Granting of operational autonomy to public sector banks and allowing them to raise capital from the open market
16. Which of the following statements is/are TRUE about the activities of NABARD?
A. NABARD has the responsibility to inspect RRBs and Cooperative Banks.
B. NABARD maintains Research and Development Fund to promote research in agriculture development and rural development.
C. NABARD is a wing of Planning Commission of India.
(A) Only A (B) Only B
(C) Both A and B (D) Only C
(E) All A, B and C
17. CAG is connected with
(A) union budgets
(B) state finances and irregularities
(C) audit and related matters
(D) checking expenditure of Government of India
(E) None of these
18. A reduction of Cash Reserve Ratio (CRR)
(A) will result in increase in lendable resources of banks
(B) will not impact the level of bank credit
(C) will result in increase in bank credit
(D) will result in decrease in bank credit
(E) None of these
19. As we all know, managing inflation has been a very important aspect of the economy in India. Which of the following is/are true about the inflation and its effect on economy?
(A) Lack of inflation (deflation) is not necessarily a thing which is always good.
(B) Inflation is an increase in the general level of prices for goods and services.
(C) When inflation goes up, the purchasing power of the money also goes up.
(A) Only A (B) Only B
(C) Only A and B (D) Only A and C
(E) None of these
20. Code of banks' commitment to micro and small enterprises is prepared by
(A) RBI (B) SEBI
(C) FEDAI (D) BCSBI
(E) None of these
21. The headquarters of Asian Development Bank are located in
(A) Jakarta (B) Manila
(C) Nairobi (D) Tokyo
(E) None of these
22. 'Closed Economy' is that economy in which
(A) neither export nor import takes place
(B) money supply is fully controlled
(C) deficit financing takes place
(D) only exports take place
(E) None of these
23. Which of the following public sector banks has the largest number of branches in foreign countries?
(A) Bank of India
(B) State Bank of India
(C) Punjab National Bank
(D) Corporation Bank
(E) Bank of Baroda
24. Who has been crowned as the FBB Femina Miss India World in 2016?
(A) Pankhuri Gidwani
(B) Priyadarshini Chatterjee
(C) Namrata Sharma
(D) Sushruthi Krishna
(E) Payal Ranjan
25. Who received the Dadasaheb Phalke Film Foundation's Best Actress Award in 2016?
(A) Deepika Padukone
(B) Priyanka Chopra
(C) Anushka Sharma
(D) Kangna Ranaut
(E) Kareena Kapoor
26. Which institute won the National Intellectual Property (IP) Award 2016?
(A) Indian Institute of Technology (IIT), Roorkee
(B) Indian Institute of Technology (IIT), Bombay
(C) Indian Institute of Technology (IIT), Delhi
(D) Indian Institute of Science (IISc), Bangalore
(E) Indian Institute of Technology (IIT), Kharagpur
27. Who won the International Boxing Federation heavyweight title for the year 2016?
(A) Victor Emilio Ramirez
(B) Sergey Kovalev
(C) Anthony Joshua
(D) Charles Martin
(E) Gennady Golovkin
28. Whose birth anniversary was celebrated on April 13, 2016 at the UN headquarters?

- (A) Abraham Lincoln
(B) Annie Besant
(C) Florence Nightingale
(D) George Washington
(E) B. R. Ambedkar
29. Where are the headquarters of the Confederation of Indian Industry (CII) located?
(A) New Delhi (B) Mumbai
(C) Chennai (D) Ahmedabad
(E) Hyderabad
30. The G-7 Summit 2016 will be held in which country?
(A) Germany (B) France
(C) Canada (D) Japan
(E) India
31. The RV Easwar Committee gave recommendations on
(A) banking reforms
(B) goods and services tax in India
(C) simplification of income tax laws
(D) crude oil and gas pricing
(E) custom duty revision
32. On which of the following days is the National Science Day observed?
(A) February 26 (B) February 24
(C) February 27 (D) February 28
(E) February 25
33. Which bank, in 2016, launched its revolutionary contactless mobile payments solution through which customers can initiate electronic payments from NFC-enabled smartphones by just waving their phones near a contactless merchant terminal?
(A) HDFC Bank (B) Axis Bank
(C) ICICI Bank (D) SBI
(E) IndusInd Bank
34. Bihar became the sixth state to join Union Government's UDAY (Ujwal Discom Assurance Yojana) Scheme for financial restructuring of debt of
(A) drug and pharmaceutical companies
(B) financial companies
(C) power distribution companies
(D) telecom companies
(E) agriculture companies
35. Which planet passed in front of the Sun in 2016 due to which the planet looked like a tiny black dot passing across the Sun, an occurrence that happens around 13 times a century?
(A) Mercury (B) Venus
(C) Mars (D) Saturn
(E) Uranus
36. On June 27, 2016 India joined Missile Technology Control Regime and became its _____ full member.
(A) 40th (B) 55th
(C) 35th (D) 20th
(E) 10th
37. Who was awarded the 2015 Filmfare Lifetime Achievement Award at the 61st Filmfare Awards?
(A) Amitabh Bachchan
(B) Shabana Azmi
(C) Om Puri
(D) Moushumi Chatterjee
(E) Tanuja
38. Which of the following states was declared the first organic farming state of India?
(A) Punjab (B) Gujarat
(C) Sikkim (D) West Bengal
(E) Tamil Nadu
39. What is the primary objective of the 'Stand up India' scheme that was launched by Prime Minister Narendra Modi in 2016?
(A) To promote entrepreneurship among scheduled castes/tribes and women
(B) To promote entrepreneurship among people below poverty line
(C) To promote entrepreneurship among unemployed youth
(D) To promote entrepreneurship among unemployed youth of scheduled castes/tribes
(E) To promote entrepreneurship among women
40. The World Health Day is a global health awareness day celebrated every year on ____ April.
(A) 7th (B) 13th (C) 17th
(D) 23rd (E) 27th

General English (40 Questions)

Directions for Questions 41 – 50: Read the following passage and answer the given questions.

Once upon a time, there was a weaver by the name Mantharaka. One day when he was weaving, the wooden frames of his loom broke. He took an axe and went to the

forest to bring wood in order to make new frames. He went round the forest but didn't find adequate wood for the frames. From the forest, he drifted towards the seashore where he saw a huge tree. He thought that if he could cut wood from the tree, he would have enough wood for all frames throughout his life.

As the weaver raised his axe to cut the tree, a spirit living on that tree said, 'O weaver, this tree is my home and it must be spared in any event, because it prevents my body from the cool breeze which comes from the sea'. Mandharaka said, 'Sir, if I don't cut the tree and take its wood home, then my family will starve and die. So, please go somewhere else as I have to cut this tree.'

The spirit answered, 'If you do not cut the tree, I will give you a boon of your choice.' The weaver said, 'Sir, in that case, I will go home and ask my wife and friends. When I will return, you must give me what I ask for.' The spirit agreed to it and the weaver returned home with joy. While coming back to the city, he met his friend, the barber and said, 'Friend, a spirit has given me a boon of my choice and gave me time to consult friends and my wife. Tell me what I should demand from him.' The barber replied, 'My dear friend, demand a kingdom where you could be the king and I would be your Prime Minister. You would be having a palace, where we can enjoy the pleasures of this world. Like this, both of us can enjoy life here and hereafter.'

Mantharaka said, 'True. But let me ask my wife too.' The barber said, 'A wise man should never ask women for advice. He can give a woman food, clothing, jewelry and above all the duties of marriage, but should never ask for their advice. As women think only of their own benefit and they have low wits.' The weaver replied, 'Even though this is true, still I would consult my wife, as she is my better half.'

After this, the weaver quickly went to his home and narrated the whole story of the spirit and his boon to his wife. He also told her that his friend, the barber had advised him to ask for a kingdom. His wife said, 'O my lord, what do barber understands? No wise man would consult children or barbers or servants or beggars. A king's life is full of hardships. He is always worried about friendships, animosities, wars, servants, defense alliances, and **duplicity**. He never gets a minute's rest because anyone who rules hardly gets anytime. The same container that is used for comfort can also be used to pour out bad luck. Never envy the life of a king.'

The weaver said, 'You are right. But you haven't told me what boon I should choose'. She answered, 'Every day you are able to weave a single piece of cloth which is barely enough to meet our daily needs. You should ask for another pair of arms and another head so that you can work on two pieces of cloth at once, one in front of you, and one behind you. The first piece will help us meet our daily needs. The second one will help us meet special needs. Thus, we can sail our life comfortably and happily.'

After listening to his wife, he said, 'You are a faithful wife and you have spoken well. I will do what you have suggested.' The weaver happily went to the spirit and said, 'Sir, you have kindly given me a choice. I request you to give me two more hands and an extra head.' He had hardly spoken before he was two-headed and four-armed. Rejoiced, he began his homeward journey. People on the way saw him and considered him as a kind of

demon and were frightened. They hammered him with stones and sticks. The poor weaver died on the spot.

41. Which of these is an appropriate title for the passage?
 - (A) The Demonic Trees
 - (B) The Vengeful Spirit
 - (C) The Foolish Barber
 - (D) The Foolish Wife
 - (E) The Imprudent Weaver
42. What triggered the weaver's visit to the forest?
 - (A) The wish to meet the spirit and get a boon
 - (B) The huge tree near the seashore
 - (C) The emptiness of his wood store
 - (D) The broken wooden frames of his loom
 - (E) The desire to bring food for himself
43. What happened when the weaver raised his axe to cut the tree?
 - (A) He successfully chopped off the branches.
 - (B) He got enough wood for his frames.
 - (C) The tree spoke to him.
 - (D) The spirit living on the tree stopped him.
 - (E) He could not cut it and his family starved.
44. Why did the barber caution the weaver against taking the advice of his wife?
 - (A) His wife would only ask for jewellery and clothes.
 - (B) His wife would not give a sound advice.
 - (C) His wife would not let him become the prime minister.
 - (D) Women are selfless and intelligent.
 - (E) Women are generally dishonest.
45. Why did his wife advise him against becoming a king?
 - (A) The weaver would lead a life of comfort and rest.
 - (B) The weaver would have ample time to make friends.
 - (C) The weaver would always be surrounded by worries and fears.
 - (D) The weaver would always have to consult others before taking decisions.
 - (E) The weaver would have to take the barber as his prime minister.
46. What did people do to the weaver after he got the boon?
 - (A) They respected him as king.
 - (B) They bought the extra piece of cloth he produced.
 - (C) They killed him because they were jealous of him.
 - (D) They stoned him to death out of fear.
 - (E) They killed him because they were angry at him.

47. Which of these words means the same as 'drifted'?
- (A) Cried (B) Crammed
(C) Spread (D) Strayed
(E) Stuttered
48. Which of these words means the opposite of 'adequate'?
- (A) Equivalent (B) Insufficient
(C) Reasonable (D) Ample
(E) Enough
49. Which of these words means the same as 'duplicity'?
- (A) Condescension (B) Beauty
(C) Deceit (D) Genuineness
(E) Graceful
50. Which of these words means the opposite of 'rejoiced'?
- (A) Elated (B) Grieved
(C) Reasoned (D) Delighted
(E) Celebrated

Directions for Questions 51 – 55: Each sentence below has two blanks, each blank indicating that something has been omitted. Choose the set of words for each blank that best fits the meaning of the sentence as a whole.

51. This final essay with its prevailing soft tone _____ by occasional flashes of savage irony, indicates the _____ character of the author.
- (A) illuminate, easygoing
(B) marked, divided
(C) unspotted, vengeful
(D) modified, chivalrous
(E) diluted, ruthless
52. Electronic devices and games have _____ effects in encouraging _____ learning.
- (A) capturing, physical
(B) affirmation, negative
(C) indulgence, resistance
(D) positive, cognitive
(E) diverse, skills
53. The organisation _____ to popularise Indian classical music among the youth which has lost _____ with its cultural roots.
- (A) endeavours, touch
(B) wishes, interest
(C) efforts, experience
(D) exerts, intrigue
(E) need, relation
54. Although _____, in his private life, he displays in his plays and essays a strong _____ publicity and controversy.

- (A) conventional, interest in
(B) monotonous, reliance on
(C) unsure, aversion towards
(D) shy, preference for
(E) evasive, impatience with

55. Man's deepest _____ after all, is to understand himself and his place in the universe – to _____ his own nature as a living organism and the interactions between heredity and environment that shape the development of his body and mind.
- (A) urge, know (B) taste, apprehend
(C) impede, construe (D) anxiety, err
(E) regret, cognize

Directions for Questions 56 – 65: In the following passage, there are blanks, each of which is numbered. These numbers are printed below the passage and against each, five words/phrases are suggested, one of which fits the blank appropriately. Find out the appropriate word/phrase in each case.

Her hair and eyes were raven black, a rarity in the village. Her skin was fair and her lips were the colour of roses. Her mother had passed these ____56____ onto her. Her father had passed onto her the fiery temper and the hard working ____57____ that she had. She could have been a queen or a duchess. Never forced to lift a perfect fingernail in her life, she should have been spoiled and ____58____. But she was not. She was a worker, carrying loads heavier than her and ruining her worn clothing. She turned her face from the world and bent down on her ____59____ to scrub the ____60____, callusing her hands. She became ____61____ by the end of the day and fell in the bed at night, letting out loud sobs. But never did she complain. She only kept her head bowed and looked up at her father and the stable boy when they talked to her. She ____62____ the time when Mama was alive and would play her violin for them. Bess was a sad young girl. She would ____63____ up late every night to clean up after Papa, who was often too drunk to even climb the stairs of his room. She would help Tim with the horses and would bite her lip as he spoke of horses with passion. She would cry herself to sleep every night, praying to God that ____64____ would come and save her. She wanted the happiness, the joy, the bliss that Mama had taken with her into the dirt. She wanted it all ____65____. She wanted to live once more.

56. (A) shades (B) tendencies
(C) properties (D) traits
(E) habits
57. (A) appearance (B) fervour
(C) tendency (D) technique
(E) nature
58. (A) tempered (B) pampered
(C) allured (D) intoxicated
(E) neglected

59. (A) head (B) legs
(C) knees (D) knuckles
(E) ankles

60. (A) ceilings (B) roofs
(C) doors (D) floors
(E) chimneys

61. (A) curious (B) immensely
(C) over (D) exhausted
(E) indifferent

62. (A) thought (B) remembered
(C) considered (D) dreamed
(E) collected

63. (A) stand (B) keep
(C) work (D) stay
(E) throw

64. (A) anyone (B) someone
(C) they (D) nobody
(E) All of these

65. (A) yet (B) up
(C) over (D) back
(E) ahead

Directions for Questions 66 – 70: Rearrange the following six sentences 1, 2, 3, 4, 5 and 6 in the proper sequence to form a meaningful paragraph; and then answer the questions given below them.

1. The walls were painted white.
2. Their dwellings were restricted to immediate family members, and were constructed of mud-brick designed to remain cool in the heat of the day.
3. Most ancient Egyptians were farmers tied to the land.
4. Or they would be covered with dyed linen wall hangings.
5. It also contained, near the back wall, a small oven for baking the bread.
6. Each home had a kitchen with an open roof, which contained a grindstone for milling grain.

66. What should be the first line of the given passage?
(A) 1 (B) 2 (C) 3
(D) 4 (E) 5

67. What should be the fourth line of the given passage?
(A) 1 (B) 2 (C) 3
(D) 4 (E) 5

68. What should be the second line of the given passage?
(A) 1 (B) 2 (C) 3
(D) 4 (E) 6

69. What should be the third line of the given passage?
(A) 1 (B) 2 (C) 3
(D) 4 (E) 6

70. What should be the fifth line of the given passage?
(A) 1 (B) 2 (C) 3
(D) 4 (E) 5

Directions for Questions 71 – 75: Each of the following sentences tests your ability to recognize grammar and usage errors. The sentence contains either a single error or no error at all. The sentence does not contain more than one error. The error, if there is one, is lettered. If the sentence contains an error, select the letter that must be changed to make the sentence correct. If the sentence is correct, select (E), i.e. No error.

71. (A) Honesty, integrity and being intelligent
(B) are the qualities which
(C) we look for when
(D) we interview candidates.
(E) No error

72. (A) In the Middle Ages,
(B) taxes were
(C) paid in the form of
(D) good rather than money.
(E) No error

73. (A) Viral pneumonia is
(B) potentially fatal because
(C) it is not respond
(D) to antibiotics.
(E) No error

74. (A) Both of them
(B) they have offered
(C) to help you with
(D) your grammar problems.
(E) No error

75. (A) Beads
(B) serviced as money
(C) for Native Americans and
(D) colonists.
(E) No error

Directions for Questions 76 – 80: Which of the phrases (A), (B), (C) and (D) given below should replace the phrase given in bold in each of the following sentences to make it meaningful and grammatically correct? If the sentence is meaningful and correct as it is and no correction is required, mark (E) as the answer.

76. Guy Hamilton **launched his career on** French cinema as a tea boy.
(A) launched his career of
(B) launched his career in

- (C) launched his career to
(D) launched his career into
(E) No correction required
77. The community centre is expected to be ready before the **marriage season resuming** in November when the maximum wedding functions take place in the city.
(A) marriage season outset
(B) marriage season initiates
(C) marriage season starts
(D) marriage season opens
(E) No correction required
78. A well-built path **leading to the tomb** from the main gate.
(A) leads in the tomb
(B) lead to the tomb
(C) leading in the tomb
(D) leads to the tomb
(E) No correction required
79. Not only is George going to Tunisia for two months, **but he also going to** Egypt for a couple of weeks.
(A) but also he's going to
(B) but also going to
(C) but he's also going to
(D) but he going to
(E) No correction required
80. **No sooner had she** read the email than she started crying inconsolably.
(A) Soon had she (B) As soon as she
(C) Sooner had she (D) As she
(E) No correction required

Quantitative Aptitude (40 Questions)

Directions for Questions 81 – 85: What will come in place of the question mark (?) in each of the following questions?

81. $\sqrt{\sqrt{2500} - \sqrt{961}} = (?)^2$
(A) 81 (B) 3
(C) 6561 (D) 9
(E) None of these
82. $\sqrt{12\frac{3}{4} + 13\frac{1}{4} + ?} = 6$
(A) 10 (B) 16 (C) 12
(D) 36 (E) 18
83. $\frac{3}{8}$ of $\frac{4}{5}$ of $\frac{2}{3}$ of 730 = ?
(A) 86 (B) 146 (C) 156
(D) 93 (E) None of these
84. 40% of 265 + 35% of 180 = 50% of ?
(A) 338 (B) 84.5
(C) 253.5 (D) 169
(E) None of these
85. $3(3 + 3 + 3) - (4 - 3) \times 3(2 + 2 + 2) = ?$
(A) 3 (B) 6 (C) 9
(D) 7 (E) 27
86. $6\frac{2}{5}$ of 248.65 = ? of 2398.59
(A) $\frac{2}{5}$ (B) $\frac{1}{4}$ (C) $\frac{1}{2}$
(D) $\frac{2}{3}$ (E) $\frac{1}{3}$
87. 30.06% of 499 + 39.99% of 799 = ?
(A) 475 (B) 465 (C) 440
(D) 470 (E) 460
88. $(827 + 328 - 563) \div (712 - 41 \times 11) = ?$
(A) 1 (B) 2 (C) 3
(D) 4 (E) 6
89. $(3.99)^3 + (30.08)^2 - (5.99)^3 = ?$
(A) 550 (B) 590 (C) 748
(D) 650 (E) 690
90. $\frac{150}{17} \times \frac{199}{13} \div \frac{16}{91} = ?$
(A) 650 (B) 700 (C) 770
(D) 820 (E) 850

Directions for Questions 91 – 93: Complete the series.

91. 14, 15, 23, 32, 96, ?
(A) 121 (B) 124 (C) 152
(D) 111 (E) None of these
92. 15, 18, 16, 19, 17, 20, ?
(A) 23 (B) 22 (C) 16
(D) 18 (E) None of these

Directions for Questions 86 – 90: What approximate value should come in place of the question mark (?) in each of the following questions? (Note: You are not expected to calculate the exact value.)

93. 8, 9, 20, 63, ?
 (A) 256 (B) 252 (C) 246
 (D) 242 (E) None of these
94. Sales tax is reduced by 10%, but sale increases by 10%. The revenue earned as sales tax is
 (A) increased by 0.1%
 (B) decreased by 0.1%
 (C) decreased by 1%
 (D) the same as before
 (E) None of these
95. Two adjacent sides of a square are increased by 20% and 40%. The area of the resulting rectangle exceeds the area of the square by
 (A) 60% (B) 66%
 (C) 68% (D) 80%
 (E) 120%
96. The government reduced the price of sugar by 10%. By this, the consumer can buy 6.2 kg more sugar for Rs. 837. The reduced price of sugar per kg is
 (A) Rs. 12.50 (B) Rs. 13.00
 (C) Rs. 13.50 (D) Rs. 14.00
 (E) None of these
97. On what sum will the difference between simple and compound interest for 3 years at 5% p.a. be equal to Rs. 12.20?
 (A) Rs. 1200 (B) Rs. 1500
 (C) Rs. 1600 (D) Rs. 2000
 (E) None of these
98. P does half as much work as Q and R does half as much work as P and Q together. If R alone can finish the work in 40 days, then all the three together will finish the work in
 (A) 15 days (B) 30 days
 (C) 20 days (D) $13\frac{1}{3}$ days
 (E) None of these
99. A tap can fill a cistern in 2 hours and another tap can empty the cistern in 3 hours. How long will it take to fill the cistern if both the taps are opened together?
 (A) 5 hours (B) 6 hours
 (C) 7 hours (D) 8 hours
 (E) 9 hours
100. If 6 years ago, the ratio of ages of A and B was 10 : 7 and 9 years hence, the ratio will be 13 : 10, then their respective present ages are
 (A) 56 years and 41 years
 (B) 50 years and 35 years
 (C) 39 years and 30 years
 (D) 56 years and 31 years
 (E) None of these
101. Suppose 75 men can do a piece of work in 75 days by working for $7\frac{1}{2}$ hours per day. If the efficiencies of a man and a woman are in the ratio 3 : 2, how many days will 25 women working for 10 hours per day take to do the same piece of work?
 (A) 150 days (B) 175 days
 (C) 212 days (D) 227 days
 (E) 253 days
102. A man covered a certain distance by train at the rate of 25 km per hour and walked back at the rate of 4 km per hour. The whole journey took 5 hours 48 minutes. What distance did he cover?
 (A) 30 km (B) 20 km
 (C) 25 km (D) 16 km
 (E) 32 km
103. An amount of 143 was collected from boys and girls in a class of strength 100. If each boy contributes 1.50 and each girl contributes 1.40, how many boys and girls respectively are there in the class?
 (A) 70, 30 (B) 80, 20
 (C) 60, 40 (D) 50, 50
 (E) 30, 70
104. If the cost of 8 pens and 4 pencils is Rs. 176 and the cost of 2 pens and 2 pencils is Rs. 48, what is the cost of one pen?
 (A) Rs. 16 (B) Rs. 14
 (C) Rs. 12 (D) Rs. 20
 (E) None of these
105. Mr. Racer starts from Hyderabad with a speed of 60 kmph. After some time, he increased his speed to 80 kmph and reached Bangalore. Immediately, he returned with the same speed and decreased his speed to 60 kmph at the place where he initially changed his speed in the forward journey and reached Hyderabad back. If the distance between Hyderabad and Bangalore is 600 km, what is his average speed during the entire journey?
 (A) 20 kmph (B) 40 kmph
 (C) 60 kmph (D) Cannot be determined
 (E) None of these
106. An amount of Rs. 6500 is to be distributed among X, Y and Z in such a way that X gets one-third of the amount received by Z and Y gets twice the amount received by Z. What is the share of Y?
 (A) Rs. 2900 (B) Rs. 3900
 (C) Rs. 1950 (D) Rs. 3800
 (E) None of these
107. The quantity of water (in litres) that must be added to 12 litres of a drink priced at Rs. 10 a litre to reduce the price to Rs. 8 a litre is

- (A) 3 (B) 1 (C) 2
(D) 3.5 (E) 4

108. A total of 750 candidates appeared in an examination. 70% of the boys and 65% of the girls passed the examination. If the total pass percentage was 68%, find the number of boys that appeared in the examination.
(A) 400 (B) 430 (C) 300
(D) 450 (E) 500
109. The price per kg of potatoes has tripled. By what percentage should Rakesh reduce his consumption, so that the amount spent remains the same?
(A) 100% (B) $66\frac{2}{3}\%$
(C) $33\frac{1}{3}\%$ (D) 200%
(E) 50%
110. The average score of a cricketer in a certain number of innings is 15. When he plays one more inning and scores a duck, his average drops to 13.5. How many innings has he played in total, including the latest one?
(A) 12 (B) 10 (C) 11
(D) 9 (E) 8
111. A mixture of 70 litres of wine and water contains 10 percent of water. How much water (in litres) must be added to make water 37 percent of the resulting mixture?
(A) 30 (B) 37 (C) 63
(D) 67 (E) 40

Directions for Questions 112 – 115: In each of the following questions, two equations numbered I and II are given. You have to solve both the equations and mark your answer as

- (A) if $x > y$
(B) if $x \geq y$
(C) if $x < y$
(D) if $x \leq y$
(E) if $x = y$ or the relationship cannot be established

112. I. $x^2 + 8x + 15 = 0$
II. $y^2 + 13y + 42 = 0$

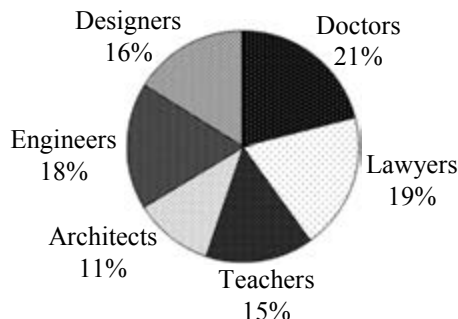
113. I. $(625)^{\frac{1}{4}}x + \sqrt{1225} = 155$
II. $\sqrt{196}y + 13 = 279$

114. I. $x^2 + 4x + 4 = 0$
II. $y^2 - 8y + 16 = 0$

115. I. $x^2 - 4x + 3 = 0$
II. $y^2 - 7y + 12 = 0$

Directions for Questions 116 – 120: Study the following pie chart carefully and answer the questions given below: The pie chart gives information about the various professionals in a town and the table tells about the percentage of female professionals amongst them.

Total number of various professionals = 10,500



Doctors	20%
Engineers	60%
Architects	40%
Teachers	80%
Lawyers	40%
Designers	35%

116. What is the ratio of total number of male engineers and male designers to the number of female professionals in the town?
(A) 41 : 44 (B) 55 : 53
(C) 31 : 35 (D) 88 : 223
(E) None of these
117. What is the difference between the total numbers of male and female professionals in the town?
(A) 1284 (B) 1134
(C) 1054 (D) 1164
(E) None of these
118. The total number of lawyers in the town is approximately what percent of the total number of doctors in the town?
(A) 95% (B) 98%
(C) 90% (D) 85%
(E) 81%
119. Approximately what percent of the total professionals are female doctors?
(A) 42% (B) 28%
(C) 15% (D) 4%
(E) 5%
120. What is the ratio of the number of male architects to the number of male teachers in the town?
(A) 11 : 5 (B) 3 : 2
(C) 5 : 11 (D) 2 : 3
(E) None of these

Reasoning Ability (40 Questions)

Directions for Questions 121 – 123: Each item below consists of a question and two statements labelled (I) and (II). You have to decide whether the data provided in the statements is sufficient to answer the question.

- (A) Statement (I) alone is sufficient, but statement (II) alone is not sufficient.
- (B) Statement (II) alone is sufficient, but statement (I) alone is not sufficient.
- (C) Both statements (I) and (II) together are sufficient, but neither statement alone is sufficient.
- (D) Either statement (I) or statement (II) alone is sufficient.
- (E) Statements (I) and (II) together are not sufficient.

121. On a fishing trip, Ram and Om each caught some fish. Who caught more fish?

Statements: (I) Ram caught $\frac{2}{3}$ as many fish as Om.

(II) After Om stopped fishing, Ram continued fishing until he had caught 12 fish.

122. 'M' has qualified to become a police officer. Has 'A' qualified to become a police officer?

Statements:

- (I) If 'A' qualifies to become a police officer, then 'M' will qualify to become a police officer.
- (II) If 'A' does not qualify to become a police officer, then 'M' will not qualify to become a police officer.

123. Four candidates obtain distinct scores in a test. Each of the four casts a vote to choose the winner. The candidate who gets the highest number of votes wins the contest. In case of a tie in the voting process, the candidate with the highest score wins the contest. Who is the winner?

Statements:

- (I) The candidate with top three scores each vote for the top scorer amongst the other three.
- (II) The candidate with the lowest score votes for the candidate with the second highest score.

124. A statement is given followed by two assumptions numbered I and II. An assumption is something supposed or taken for granted. You have to consider the statement and the following assumptions to decide which of the assumptions is/are implicit in the statement.

Statement:

Multinational fast food chains are opening up a large number of Plus Coffee Shops with piped

modern music in different cities of India and these are serving various snacks with coffee.

Assumptions:

- (I) A large number of people may become regular customers of these coffee shops.
- (II) People will like to enjoy the comfortable environment while drinking coffee with snacks.
- (A) Only assumption I is implicit.
- (B) Only assumption II is implicit.
- (C) Either assumption I or II is implicit.
- (D) Both the assumptions I and II are implicit.
- (E) Neither assumption I nor II is implicit.

Directions for Questions 125 – 130: Study the following information to answer the given questions.

Twelve people are sitting in two parallel rows containing six people each, in such a way that there is an equal distance between adjacent persons.

In row-1, A, B, C, D, E and F are seated and all of them are facing south. In row-2, P, Q, R, S, T and V are seated and all of them are facing north. Therefore, in the given seating arrangement, each member seated in a row faces another member of the other row.

V sits third to the right of S. S faces F and F does not sit at any of the extreme ends of the line. D sits third to the right of C. R faces C. The one facing E sits third to the right of P. B and P do not sit at the extreme ends of the line. T is not an immediate neighbour of V and A is not an immediate neighbour of C.

125. Who amongst the following faces D?

- (A) T
- (B) P
- (C) Q
- (D) R
- (E) None of these

126. Who amongst the following are sitting at the extreme ends of the rows?

- (A) R, F
- (B) T, A
- (C) D, R
- (D) C, Q
- (E) S, A

127. Four of the following five are alike in a certain way and thus, form a group. Which is the one that does not belong to that group?

- (A) B – T
- (B) A – Q
- (C) C – S
- (D) F – P
- (E) D – R

128. Four of the following five are alike in a certain way and thus, form a group. Which is the one that does not belong to that group?

- (A) D
- (B) S
- (C) V
- (D) T
- (E) A

129. How many persons are seated between R and T?

- (A) One
- (B) Two

- (C) Three (D) Four
(E) None

130. Which of the following is true regarding B?
(A) B sits to the immediate left of C.
(B) B faces Q.
(C) B sits fourth from the extreme left end of the line.
(D) D and F are immediate neighbours of B.
(E) None of these
131. In a code language, 'She gives gift' is written as 'mop lui na', 'Sudha gets gift' is written as 'dus lap na' and 'she gets nothing' is written as 'mop lap igli'. How will 'Sudha gets nothing' be written in that code language?
(A) dus lap mop (B) dus lap igli
(C) na lap igli (D) mop nas dus
(E) lui lap igli
132. If 'BACHELOR' is coded as 'DXGBMBSK', then how is 'OBLIGATORY' coded?
(A) QYPCOZXHUV
(B) QYPCOZXHWX
(C) QYPCOZXHYZ
(D) QYPCOZXHST
(E) QYPCOZXHAB
133. If 'SEEMA WANTS WATER' is '1 2 3', 'WATER IS BLUE' is '1 4 5', 'SEEMA HAS BLUE DRESSES' is '2 4 6 7', and 'SANGEETA HAS WATER' is '7 1 8', then 'SANGEETA WANTS BLUE DRESSES' will be
(A) 8 3 4 6 (B) 8 2 5 6
(C) 7 2 4 6 (D) 8 5 4 6
(E) None of these
134. In a certain code, if 'DIVERT' is written as 'TDRIEV', how is 'CONFER' written in that code?
(A) RECFNO (B) RCEFNO
(C) RCEOFN (D) SCENFO
(E) None of these

Directions for Questions 135 – 139: Each of the questions below consists of four statements followed by four conclusions numbered I, II, III and IV. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follow(s) from the given statements disregarding commonly known facts.

135. **Statements:**

- Some bags are pockets.
Some pockets are trousers.
All skirts are pockets.
Some belts are bags.

Conclusions:

- I. Some trousers are belts.
II. Some skirts are bags.
III. No trouser is belt.
IV. Some bags are not pockets.
(A) All follow
(B) Either I or III follows
(C) Either I or III and IV follow
(D) Only III and IV follow
(E) None of these

136. **Statements:**

- Some files are folders.
Some folders are boxes.
All boxes are bags.
Some bags are trunks.

Conclusions:

- I. Some bags are folders.
II. Some boxes are trunks.
III. Some bags are files.
IV. Some trunks are folders.
(A) None follows
(B) Only I follows
(C) Only III follows
(D) Only II follows
(E) None of these

137. **Statements:**

- Some letters are words.
All words are sentences.
Some sentences are paragraphs.
No paragraph is a chapter.

Conclusions:

- I. Some words are paragraphs.
II. Some chapters are letters.
III. No chapter is a letter.
IV. Some letters are sentences.
(A) Only IV follows
(B) Only III and IV follow
(C) Either II or III follows
(D) Only IV and either II or III follow
(E) None of these

138. **Statements:**

- All chalks are pens.
All pens are stands.
No stand is a notebook.
Some notebooks are books.

Conclusions:

- I. No chalk is a notebook.
II. No pen is a notebook.
III. No chalk is a book.
IV. No pen is a book.
(A) Only I and II follow
(B) Only III follows
(C) Only III and IV follow
(D) Only II and III follow
(E) None of these

139. **Statements:**

Some flowers are fruits.
Some fruits are cashews.
Some cashews are cherries.
All cherries are nuts.

Conclusions:

- I. Some cherries are fruits.
- II. All cashews are nuts.
- III. Some nuts are fruits.
- IV. Some nuts are cashews.
- (A) Only I and II follow
- (B) Only II and III follow
- (C) Only III follows
- (D) Only IV follows
- (E) Only I follows

Directions for Questions 140 – 145: Read the following information carefully and answer the questions that follow.

A, B, C, D, E, F, G and H study in different standards viz. 1, 2, 3, 4, 5, 6, 7 and 8. All of them are seated around a circular table facing the centre.

C sits third to the right of H. H studies in Std. 8. F sits second to the left of E. E is not an immediate neighbour of C or H. The one who studies in Std. 1 is an immediate neighbour of E. Three people sit between H and the student of Std. 7. H, C and also their immediate neighbours do not study in Std. 2. Only one person sits between the student of Std. 2 and G. Students of Std. 3 and 4 are immediate neighbours of each other. C is neither in Std. 4 nor in Std. 3. Only one person sits between A and the student of Std 5. A does not study in Std. 2 or Std. 3. B does not study in Std. 2.

140. Which of the following is true regarding F?

- (A) F studies in Std. 5.
- (B) D and G are immediate neighbours of F.
- (C) One person sits between F and the student of Std. 4.
- (D) F sits second to the right of A.
- (E) None of these

141. Who amongst the following studies in Std. 3?

- (A) C (B) F (C) G
- (D) B (E) Cannot be determined

142. How many persons sit between D and the student of Std. 4, when counted from the left hand side of student of Std. 4?

- (A) None (B) One
- (C) Two (D) Three
- (E) Four

143. Which of the following is true?

- (A) Only one person is sitting between students of Std. 4 and Std. 6.
- (B) D studies in Std. 2.

(C) The one studying in Std. 3 is an immediate neighbour of H.

(D) One person sits between H and the student of Std. 2.

(E) None of these

144. Which amongst the following pairs represents the immediate neighbours of G?

- (A) A and B
- (B) E and the student of Std. 2
- (C) H and the student of Std. 6
- (D) E and F
- (E) A and D

145. P, Q, R, S and T each has a different height. Q is shorter than only T and S is shorter than only P, Q and T. Who among them is the shortest?

- (A) R (B) S (C) P
- (D) Data inadequate (E) None of these

146. Harini, who is Ravi's daughter, says to Padma, 'Your mother Rani is the younger sister of my father, who is the third child of Raju.' How is Raju related to Padma?

- (A) Maternal uncle
- (B) Father
- (C) Maternal grandfather
- (D) Father-in-law
- (E) None of these

147. Fill in the missing term.

PRT ? BDF HJL NPR

- (A) VXZ (B) VYA
- (C) XZB (D) UXW
- (E) UWY

148. Which of the following options will replace the question mark (?) in the series given below?
AZ BY CX ?

- (A) EF (B) GH (C) IJ
- (D) DW (E) DE

149. Santosh is standing in the east of Ananya, who is standing in the north of a pole. If Raj is in the west of the pole, in which direction is Raj with respect to Santosh?

- (A) South-west (B) North
- (C) East (D) North-west
- (E) South-east

150. Mona travelled 3 km southwards. Then, she turned right and travelled 5 km. Then again, she turned right and travelled 7 km. In which direction is she travelling now?

- (A) South (B) East
- (C) North (D) West
- (E) Cannot be determined

Directions for Questions 151 – 155: In the following questions, the symbols @, ©, %, \$ and * are used with the following meanings as illustrated.

‘P © Q’ means ‘P is not greater than Q’.

‘P * Q’ means ‘P is not smaller than Q’.

‘P % Q’ means ‘P is neither greater than nor equal to Q’.

‘P \$ Q’ means ‘P is neither smaller than nor equal to Q’.

‘P @ Q’ means ‘P is neither greater than nor smaller than Q’.

Now in each of the following questions, considering the given statements to be true, mark the conclusion(s) which is/are true.

151. **Statements:**

M * K, K @ R, R % N

Conclusions:

I. R % M

II. R @ M

III. N \$ K

(A) Only I is true.

(B) Only II is true.

(C) Only III is true.

(D) Either I or II is true.

(E) Either I or II and III are true.

152. **Statements:**

B % H, H \$ J, J * M

Conclusions:

I. B % J

II. M % B

III. H \$ M

(A) None is true. (B) Only I is true.

(C) Only II is true. (D) Only III is true.

(E) Only II and III are true.

153. **Statements:**

Z © K, K % E, E @ R

Conclusions:

I. R \$ K

II. Z % E

III. R \$ Z

(A) Only I is true.

(B) Only I and II are true.

(C) Only I and III are true.

(D) Only II and III are true.

(E) All I, II and III are true.

154. **Statements:**

W @ M, M © R, R \$ F

Conclusions:

I. F % M

II. R * W

III. W % F

(A) None is true.

(B) Only I is true.

(C) Only II is true.

(D) Only III is true.

(E) Only I and II are true.

155. **Statements:**

J \$ D, D © K, K % R

Conclusions:

I. R \$ J

II. R \$ D

III. K \$ J

(A) None is true.

(B) Only I is true.

(C) Only II is true.

(D) Only III is true.

(E) Only II and III are true.

Directions for Questions 156 –160: Study the following arrangement carefully and answer the questions given below.

There are 8 friends - A, B, C, D, E, F, G and H - sitting in a row. A is at one of the extreme ends. H is between E and F and is 5th from the left end. There are exactly 5 persons between A and D. C is 7th from the right end. A is 2nd to the left of G. C is not at any of the ends and is 4th to the left of F.

156. What is the position of E from the left end?

(A) 6

(B) 2

(C) 7

(D) 4

(E) 1

157. Who is at the 3rd position from the right end?

(A) A

(B) F

(C) B

(D) D

(E) G

158. What is the position of B from the right end?

(A) 6

(B) 2

(C) 7

(D) 4

(E) 1

159. What is the position of A from the left end?

(A) 6

(B) 2

(C) 7

(D) 4

(E) 1

160. What is the position of G from the left end?

(A) 3

(B) 2

(C) 5

(D) 4

(E) 1

Computer Ability (40 Questions)

161. Data saved in _____ will remain intact even when the computer is turned off.

(A) RAM

(B) motherboard

(C) secondary storage device

(D) primary storage device

(E) None of these

162. What is the name of the super computer of India?
 (A) Param Pama (B) Param Padma
 (C) Param Puma (D) Param Puka
 (E) None of these
163. If you receive an e-mail from someone you don't know, what should you do?
 (A) Forward it to the police immediately
 (B) Delete it without opening it
 (C) Open it and respond to the person, saying that you don't know him/her
 (D) Reply and ask the person for his/her personal information
 (E) Reply and tell the person that you want to keep in touch with him/her
164. GUI stands for
 (A) Graphical User Internet
 (B) Graphics and User Internet
 (C) Graphic User Installation
 (D) Graphical User Interface
 (E) None of these
165. Which of the following is not an application software?
 (A) Adobe Reader (B) DOS
 (C) Internet Explorer (D) MS Excel
 (E) MS Word
166. Which of these non-volatile memories can be used as primary as well as secondary memory?
 (A) RAM (B) ROM
 (C) Hard disk (D) Flash drive
 (E) Cache memory
167. Which of the following is not a web browser?
 (A) Mozilla Firefox (B) Windows 7
 (C) Internet Explorer (D) Google Chrome
 (E) Opera
168. _____ is a technology of extracting required data from marked fields on a form paper by shining a beam of light onto it.
 (A) Optical Character Recognition
 (B) Optical Beam Recognition
 (C) Optical Mark Recognition
 (D) Magnetic Ink Character Recognition
 (E) Barcode Scanning
169. IPv4 IP addresses are _____ long.
 (A) 2 bytes (B) 4 bytes
 (C) 6 bytes (D) 8 bytes
 (E) 16 bytes
170. What is the correct sequence of various processes involved in Instruction Cycle of a microprocessor?
 (A) Fetch → Decode → Execute
 (B) Extract → Decode → Execute
 (C) Fetch → Execute → Decode
 (D) Decode → Execute → Fetch
 (E) None of these
171. Which of the following is not an output device?
 (A) Touch screen (B) CRT monitor
 (C) Inkjet printer (D) Flat panel monitor
 (E) Plotter
172. Which of the following is a naming system responsible for translating domain names into IP addresses?
 (A) Hypertext Transfer Protocol (HTTP)
 (B) Domain Name System (DNS)
 (C) IP Address Naming (IP Naming)
 (D) Application Naming Protocol
 (E) None of the above
173. _____ is a type of memory that can be erased by shining a beam of ultraviolet light onto it and hence, can be reprogrammed for reuse.
 (A) PROM (B) EEPROM
 (C) EPROM (D) DRAM
 (E) SRAM
174. Which of the following refers to the ability of an operating system to perform multiple processes (tasks) simultaneously using two or more CPUs within a single computer system?
 (A) Multiprogramming
 (B) Multitasking
 (C) Multiprocessing
 (D) Multithreading
 (E) Time sharing
175. Which of the following is an example of Structured Query Language?
 (A) FORTRAN (B) COBOL
 (C) Data Structure (D) MySQL
 (E) None of the above
176. Which of the following filename extensions denote an executable file?
 (A) .xce (B) .exc
 (C) .exe (D) .doc
 (E) .xml
177. An antivirus software is responsible for
 (A) system analysis
 (B) malware detection and removal
 (C) online security
 (D) data protection
 (E) All of the above
178. An IP address is _____ bit long.
 (A) 8 (B) 16 (C) 32
 (D) 48 (E) 64

179. Which of the following are real-time operating systems?
- (A) Weapon systems
 - (B) Home appliance controllers
 - (C) Air traffic control systems
 - (D) Flight control Systems
 - (E) All of the above
180. Which of the following key combinations is used to open the start menu?
- (A) Ctrl + Esc
 - (B) Ctrl + F5
 - (C) Alt + Esc
 - (D) Alt + F5
 - (E) None of these
181. Which input device scans text optically character by character, converts it into a machine readable code and stores it in the system memory?
- (A) Optical character reader
 - (B) Optical mark reader
 - (C) Bar code reader
 - (D) Magnetic ink card reader
 - (E) Epub reader
182. Access time in which type of internal memory is independent of the address, i.e. each storage location inside the memory is as easy to reach as other locations and takes the same amount of time?
- (A) ROM
 - (B) Primary memory
 - (C) Secondary memory
 - (D) Cache
 - (E) RAM
183. _____ is/are a physical docking point using which an external device can be connected to the computer.
- (A) Power connector
 - (B) Modem port
 - (C) VGA port
 - (D) USB port
 - (E) All of the above
184. Which type of device acts as the central point among computers and other devices that are part of a network?
- (A) USB
 - (B) Network card
 - (C) Distributor
 - (D) Router
 - (E) None of the above
185. In which view are the effects applied on a Word document not visible?
- (A) Web Layout View
 - (B) Reading View
 - (C) Print Preview
 - (D) Print Layout View
 - (E) None of the above
186. A transparent DBMS
- (A) hides sensitive information from users
 - (B) keeps its logical structure hidden from users
 - (C) provides physical map of underlying hardware to users
 - (D) keeps its physical structure hidden from users
 - (E) shows sensitive information from users
187. Smartphones, tablets, laptops and desktop computer can be classified under which of the following?
- (A) Super Computer
 - (B) Mainframe Computer
 - (C) Mini Computer
 - (D) Micro Computer
 - (E) None of these
188. Which unit(s) is/are used to measure the processing speed in computers?
- (A) Megahertz (MHz)
 - (B) Gigahertz (GHz)
 - (C) Millivolts (mV)
 - (D) a and b only
 - (E) a, b and c
189. Windows, Linux, Apple OS X and Android are all different types of _____.
- (A) application software
 - (B) user platform
 - (C) operating systems
 - (D) system utilities
 - (E) system applications
190. What is the process of loading system files of the operating system from the disk into the computer memory called?
- (A) Compiling
 - (B) File handling
 - (C) Reloading
 - (D) Booting
 - (E) Overloading
191. Which of the following are considered as system software?
- (A) System utilities
 - (B) Operating systems
 - (C) Compilers
 - (D) Debuggers
 - (E) All of the above
192. Which of the following is not a high-level language?
- (A) COBOL
 - (B) FORTRAN
 - (C) PASCAL

- (D) JAVA
(E) None of the above
193. A computer or device on a network that manages network resources is called
(A) server
(B) client
(C) webmail
(D) protocol
(E) control line
194. The _____ carries the address of the memory or I/O device to be read from or written to.
(A) I/O bus
(B) address bus
(C) data bus
(D) buffer
(E) memory bus
195. What does ISP stand for?
(A) Internal Service Provider
(B) Internet Server Provision
(C) Internet Service Provider
(D) Internet Service Provision
(E) None of the above
196. What does GSM stand for?
(A) Global Service of Modem
(B) Global Service for Mobile Communication
(C) Global System for Mobile Communication
(D) Global Standard for Mobile Communication
(E) Global Standard for Mobility
197. Which of the following is a type of computer that operates only on discrete data for problem solving?
(A) Digital computer
(B) Analog computer
(C) Hybrid computer
(D) Discrete computer
(E) None of the above
198. _____ refers to the use of computer systems in creation, modification, analysis, or optimization of a design.
(A) Computer Aided Design
(B) Graphics Designing
(C) Mechanisation
(D) Optimization
(E) None of the above
199. Which generation of computers used vacuum tubes?
(A) First generation
(B) Second generation
(C) Third generation
(D) Fourth generation
(E) Fifth generation
200. Which generation of computers used Integrated Circuits for the first time?
(A) First generation
(B) Second generation
(C) Third generation
(D) Fourth generation
(E) Fifth generation

IBPS Clerical (Mains) Mock Test – 5

General/Financial Awareness (40 Questions)

1. India launched its own payment gateway 'RuPay' developed by NPCI. What is the full form of NPCI?
(A) Number Payments Corporation of India
(B) National Payroll Corporation of India
(C) National Payments Commission of India
(D) National Payments Corporation of India
(E) None of these
2. Which of the following is/are plastic money?
(A) Credit card and debit card
(B) Rupee
(C) Dollar
(D) Bank draft
(E) Banker's note
3. Remittance under the Guarantee Bond Scheme can be accepted from
(A) only associated banks
(B) only nationalised banks
(C) only foreign banks
(D) all scheduled banks and co-operative banks
(E) None of the above
4. Certificate in respect of an SSI unit is given by
(A) RBI
(B) Chamber of Commerce
(C) District Industries Centre
(D) Banks
(E) None of these
5. 'BCSBI' stands for
(A) Banking Codes and Standards Boards of India
(B) Board Code for Standards in Branches
(C) Board Code for Standards in Banking
(D) Bar Codes and Standards Board of India
(E) None of these
6. Providing various services related to Capital Market is called
(A) merchant banking
(B) retail banking
(C) narrow banking
(D) modern banking
(E) nationalised banking
7. Which of the following is NOT a measure of Risk Management in banks?
(A) CRR (B) RTGS
(C) SLR (D) Deposit Insurance
(E) None of these
8. Escrow account is useful for
(A) importers
(B) exporters
(C) Both (A) and (B)
(D) residents of a country
(E) None of these
9. Which of the following is the most updated technology given to the computerised clearance of cheque?
(A) Automatic clearance
(B) MICR
(C) Speed line system
(D) Special clearing
(E) None of these
10. Retail banking includes which of the following?
(A) Microfinance
(B) Personal loans
(C) Corporate loans
(D) Foreign exchange transactions
(E) None of these
11. The Head Office of which of the following Public Sector Banks is situated in Gujarat?
A. Bank of Saurashtra
B. Bank of Baroda
C. Bank of India
(A) Only A (B) Only B
(C) Both A and B (D) All A, B and C
(E) None of these
12. India is following a system of 'fiat money' while issuing currency. What is 'fiat money'?
(A) The currency which is backed by government guarantee
(B) The currency which is backed by tangible assets
(C) The currency which is backed by gold reserves
(D) The currency which is backed by budgetary support
(E) None of these
13. Deposits under NRE/FCNB accounts are linked to
(A) Base Rate (B) SIBOR
(C) LIBOR (D) Bank Rate
(E) None of these
14. Which of the following terms is NOT used in the field of banking and finance?
(A) Blue Chip Companies
(B) Commercial Paper

- (C) Hedge
(D) Premium Bonds
(E) Wobbe Index
15. The Reserve Bank of India has decided to help banks, as a temporary measure, by providing additional liquidity support under LAF. What is the full form of LAF?
(A) Loan Adjustment Fund
(B) Liquidity Adjustment Facility
(C) Long Awaited Funds
(D) Loan Against Funds
(E) None of these
16. Funds locked up in domestic credit sales can be traded under
(A) hire purchasing (B) ordering
(C) factoring (D) leasing
(E) None of these
17. Deposits which can be withdrawn by a customer without notice are called
(A) time deposits (B) variable deposits
(C) demand deposits (D) low cost deposits
(E) None of these
18. Which of the following rates decided by the RBI is called 'Policy Rate'?
(A) Lending Rate (B) Cash Reserve Ratio
(C) Bank Rate (D) Deposit Rate
(E) None of these
19. The branding line of Bank of Baroda is
(A) India's Smartest Bank
(B) India's International Bank
(C) India's Multinational Bank
(D) World's Local Bank
(E) None of these
20. The Federal Reserve System is the central banking system of which country?
(A) Australia (B) The UK
(C) The US (D) Canada
(E) Switzerland
21. Which two states are in controversy over Satluj-Yamuna canal link?
(A) Haryana and Rajasthan
(B) Punjab and Haryana
(C) Uttarakhand and Uttar Pradesh
(D) Jammu & Kashmir and Punjab
(E) Rajasthan and Punjab
22. Which virus is responsible for diarrhoea among infants and young children?
(A) Parvovirus (B) Norwalk virus
(C) Rotavirus (D) Megavirus
(E) None of these
23. 'Pattiseema Lift Irrigation Project' has been launched by which state?
(A) Tamil Nadu (B) Telangana
(C) Karnataka (D) Kerala
(E) Andhra Pradesh
24. Which state government has developed a mobile app to monitor the Mahatma Gandhi National Rural Employment Guarantee Scheme?
(A) Telangana (B) Karnataka
(C) Uttar Pradesh (D) Bihar
(E) Maharashtra
25. In 2016, which life insurance company's board approved to initiate IPO process with which this company is poised to become the first insurance company being listed at the stock exchanges in India?
(A) Max Bupa
(B) Tata AIG General
(C) HDFC Standard Life
(D) Religare
(E) ICICI Lombard
26. Which is the India's oldest paramilitary force?
(A) Indian Coast Guard
(B) Rajputana Rifles
(C) Assam Rifles
(D) Sikh Regiment
(E) None of these
27. Who was appointed as the advisor to the Khadi and Village Industries Commission (KVIC) for promotion of khadi?
(A) Manish Arora (B) Vikram Phadnis
(C) Tarun Tahiliani (D) Ritu Beri
(E) Payal Singhal
28. The percentage of FDI allowed under automatic approval route in the insurance sector is
(A) 26% (B) 35% (C) 49%
(D) 51% (E) 75%
29. Which state government has launched India's first state-wide broadband project?
(A) Kerala
(B) Karnataka
(C) Gujarat
(D) Maharashtra
(E) Andhra Pradesh
30. Which bank will commence the sale of Indian Gold Coin (IGC) in the domestic market?
(A) Indian Overseas Bank
(B) Canara Bank
(C) Punjab National Bank
(D) Bank of Baroda
(E) State Bank of India

31. Which of the following is the winner of the Ranji Trophy in the season 2015-2016?
(A) Delhi (B) Bengal
(C) Andhra (D) Saurashtra
(E) Mumbai
32. Which of these is a term used in banking?
(A) CRR (B) OCD
(C) ADHD (D) OTC
(E) OPD
33. In April 2016, Narendra Modi launched Stand Up India Scheme to promote entrepreneurship among Scheduled Castes/Scheduled Tribes and Women entrepreneurs. It provides for refinance window through which of the following banks with an initial amount of Rs. 10,000 crore?
(A) Industrial Development Bank of India
(B) Small Industries Development Bank of India
(C) Central Bank of India
(D) United Bank of India
(E) NABARD
34. With which of the following bodies did India sign an agreement to set up a South Asia Regional Training and Technical Assistance Center (SARTTAC) for training officials in dealing with agro-economic and financial issues?
(A) World Bank
(B) International Development Association
(C) International Investment Bank
(D) International Monetary Fund
(E) International Finance Corporation
35. On which of the following days is World Wildlife Day celebrated?
(A) 27th March (B) 19th March
(C) 13th March (D) 9th March
(E) 3rd March
36. Which country is host to the 8th BRICS Summit?
(A) Brazil (B) Russia
(C) India (D) China
(E) South Africa
37. In 2016, the Union Government formed an inter-ministerial committee to suggest ways to double farm incomes by 2022. Who is heading this committee?
(A) S. S. Mundra
(B) Arundhati Roy
(C) Ashok Dalwai
(D) Subramanian Swamy
(E) Arun Jaitley
38. For which of the following purposes did West Bengal launch the Utkarsh Bangla scheme in February 2016?
(A) To stop child labour
(B) To train school dropouts
(C) To promote green energy
(D) To promote women entrepreneurship
(E) To promote organic farming
39. With which of the following companies did Reliance Infrastructure Ltd. announce the signing of Share Purchase Agreement in relation to 100 percent sale of its subsidiary Reliance Cement Company Private Ltd?
(A) ACC Ltd.
(B) Ambuja Cement Ltd.
(C) Birla Corporation Ltd.
(D) Cement Corporation of India Ltd.
(E) Dalmia Cement (Bharat) Ltd.
40. Who has been named as the goodwill ambassador from India in the Rio Olympic Games 2016?
(A) Priyanka Chopra (B) Salman Khan
(C) John Abraham (D) Ashwariya Rai
(E) Akshay Kumar

General English (40 Questions)

Directions for Questions 41 – 50: Read the passage and answer the following questions.

One day, a man saw an old lady, stranded on the side of the road, but even in the dim light of day, he could see she needed help. So he pulled up in front of her Mercedes and got out. His Pontiac was still **sputtering** when he approached her.

Even with the smile on his face, she was worried. No one had stopped to help for the last hour or so. Was he going to hurt her? He didn't look safe; he looked poor and hungry. He could see that she was **intimidated**, standing out there in the cold. He knew how she felt. It was those chills which only fear can put in you. He said, 'I'm here

to help you, ma'am. Why don't you wait in the car where it's warm? By the way, my name is Bryan Anderson.'

Well, all she had was a flat tyre, but for an old lady, that was bad enough. Bryan crawled under the car looking for a place to put the jack, skinning his knuckles a time or two. Soon he was able to change the tyre. But he had to get dirty and his hands hurt.

As he was tightening up the lug nuts, she rolled down the window and began to talk to him. She told him that she was from St. Louis and was only just passing through. She couldn't thank him enough for coming to her aid.

Bryan just smiled as he closed her trunk. The lady asked how much she owed him. Any amount would have been all right with her. She already imagined all the awful

things that could have happened had he not stopped. Bryan never thought twice about being paid. This was not a job to him. This was helping someone in need, and God knows there were plenty, who had given him a hand in the past. He had lived his whole life that way, and it never occurred to him to act any other way.

He told her that if she really wanted to pay him back, the next time she saw someone who needed help, she could give that person the assistance they needed, and Bryan added, 'And think of me.'

He waited until she started her car and drove off. It had been a cold and depressing day, but he felt good as he headed for home, disappearing into the twilight.

A few miles down the road the lady saw a small cafe. She went in to grab a bite to eat, and take the chill off before she made the last leg of her trip home. It was a **dingy** looking restaurant. The waitress came over and brought a clean towel to wipe her wet hair. She had a sweet smile, one that even being on her feet for the whole day couldn't erase. The lady noticed the waitress was nearly eight months pregnant, but she never let the strain and aches change her attitude. The old lady wondered how someone who had so little could be so giving to a stranger. Then she remembered Bryan.

After the lady finished her meal, she paid with a hundred dollar bill. The waitress quickly went to get change for her hundred dollar bill, but the old lady had slipped right out the door. She was gone by the time the waitress came back. The waitress wondered where the lady could be. Then she noticed something written on the napkin.

There were tears in her eyes when she read what the lady wrote: 'You don't owe me anything. I have been there too. Somebody once helped me out, the way I'm helping you. If you really want to pay me back, here is what you do, do not let this chain of love end with you.' Under the napkin were four more \$100 bills.

Well, there were tables to clear, sugar bowls to fill, and people to serve, but the waitress made it through that day. That night when she got home from work and climbed into bed, she was thinking about the money and what the lady had written. How could the lady have known how much she and her husband needed it? With the baby due next month, it was going to be hard... She knew how worried her husband was, and as he lay sleeping next to her, she gave him a soft kiss and **whispered** soft and low, 'Everything's going to be all right. I love you, Bryan Anderson.'

41. What was the problem that the old lady encountered?
- (A) She was alone on a strange road as she was looking for a restaurant.
 - (B) She was alone at a late hour as she had lost her way to her house.
 - (C) She had a flat tyre and no one was stopping to help her.
 - (D) She had four-hundred dollar bills that might get stolen.
 - (E) She was feeling cold and had nowhere to go.

42. Why was the lady scared?
- (A) She was afraid of the dark.
 - (B) The man had wielded a knife.
 - (C) She was afraid of strangers.
 - (D) The man did not look trustworthy.
 - (E) The man looked too eager to help.
43. What is an appropriate title of the story?
- (A) The Selfless Trio
 - (B) The Helpful Man
 - (C) A Circle of Kindness
 - (D) The Sweet Waitress
 - (E) The Nice Lady
44. Why did the man not take the money?
- (A) He had got hurt and dirty while changing the tyre.
 - (B) He had never thought of being paid for helping.
 - (C) The lady was scared and he did not want to frighten her.
 - (D) He had let his poverty affect his goodness.
 - (E) He had been waiting for her to offer more money.
45. What did the lady do to help the waitress?
- (A) She offered her another job.
 - (B) She offered her money.
 - (C) She left money for the waitress.
 - (D) She talked to the waitress.
 - (E) She wrote the waitress a letter.
46. What made the old lady wonder when she saw the waitress?
- (A) The waitress was working in a drab restaurant.
 - (B) The waitress was relaxing in spite of the work.
 - (C) The waitress was very caring despite her own problems.
 - (D) The waitress was feeling the strains of the pregnancy.
 - (E) The waitress was related to the stranger who had helped her.
47. Which of the following means the same as 'intimidated'?
- (A) Scared
 - (B) Cried
 - (C) Beckoned
 - (D) Revered
 - (E) Guilty
48. Which of the following means the opposite of 'dingy'?
- (A) Dark
 - (B) Crammed
 - (C) Cramped
 - (D) Spotless
 - (E) Special
49. Which of the following means the same as 'sputtering'?

- (A) Smirking (B) Creaking
(C) Clambering (D) Dreaming
(E) Shaking

50. Which of the following means the opposite of 'whispered'?
- (A) Scowled (B) Rambled
(C) Grunted (D) Screamed
(E) Sniggered

Directions for Questions 51 – 55: Each sentence below has two blanks, each blank indicating that something has been omitted. Choose the set of words for each blank that best fits the meaning of the sentence as a whole.

51. Considered an _____ by locals, she developed a noted preference for white clothing and became _____ for her reluctance to greet guests.
- (A) eccentric, infamous
(B) extraordinary, delighted
(C) bizarre, known
(D) peculiar, remembered
(E) weird, commemorated
52. _____ glucose is usually assumed to be the main energy source for living tissues; there are some _____ which show that it is actually lactate, and not glucose.
- (A) Although, indications
(B) Because, happenings
(C) Since, occurrences
(D) Therefore, opinions
(E) Despite, possibilities
53. Mergers help firms to _____ assets more smoothly, thereby _____ returns to investment and the growth rate.
- (A) devote, moving (B) reallocate, raising
(C) award, climbing (D) administer, rising
(E) issue, progressing
54. Health care is consuming an _____ share of income in developed and developing nations _____.
- (A) enormous, either (B) escalating, alike
(C) descent, neither (D) decreased, nor
(E) immense, similar
55. Water is an essential _____ of life and vital for _____.
- (A) equipment, livelihood
(B) compound, support
(C) instrument, nourishment
(D) component, sustenance
(E) tool, nurture

Directions for Questions 56 – 65: In the following passage, there are blanks, each of which is numbered. These numbers are printed below the passage and against each five words/phrases are suggested, one of which fits

the blank appropriately. Find out the appropriate word/phrase in each case.

When I was 10, the governess recommended that I go to school to _____**56**_____ my studies. She always told me that I was a very intelligent young lady. Aunt Reed agreed with her and made _____**57**_____ for me to go to school in the autumn. The morning I was to be _____**58**_____, Aunt Reed told me to make _____**59**_____ that I continued to be a good student, to write to her often and that she would see me at Christmas. We hugged and she kissed my cheeks and lifted me into the carriage to Bessie.

Bessie made sure that I made it to school alright and helped me to settle _____**60**_____ my dormitory. I cried when she left the _____**61**_____ morning; she told me that I would be fine and that it would only be _____**62**_____ more months before I was home again for the holidays.

For six years, I went to school. While I was there, I learned the usual courses of study. However, I excelled in languages and arts. I could communicate _____**63**_____ in French and German, and a water colour landscape I had completed, was _____**64**_____ in the headmaster's office.

When I went home for the summer holidays after my sixth year, my Aunt informed me that she and my Uncle, John Eyre, had decided that I should get married. The reasoning was, because my Uncle had _____**65**_____ very ill in the last year, and he wanted to make sure that I was able to continue his business.

56. (A) enhance (B) continue
(C) conclude (D) develop
(E) higher
57. (A) choices (B) references
(C) arrangements (D) opportunities
(E) actions
58. (A) went off (B) left off
(C) go off (D) set off
(E) sent off
59. (A) solid (B) sure
(C) fixed (D) confident
(E) assure
60. (A) on (B) inside (C) in
(D) up (E) through
61. (A) forthcoming (B) following
(C) precedent (D) upcoming
(E) coming
62. (A) a few (B) a little
(C) little (D) few
(E) several
63. (A) quickly (B) scarcely
(C) hardly (D) vaguely
(E) fluently

64. (A) pending (B) swinging
(C) swaying (D) hanging
(E) dangling
65. (A) gone (B) become
(C) considered (D) going
(E) assumed

Directions for Questions 66 – 70: Rearrange the following six sentences 1, 2, 3, 4, 5 and 6 in the proper sequence to form a meaningful paragraph; and then answer the questions given below them.

1. The revolutions of 1989 and subsequent liberalisation in many parts of the world resulted in a significant expansion of global interconnectedness.
 2. The migration and movement of people can also be highlighted as a prominent feature of the globalization process.
 3. This slowed down from the 1910s onward due to the World Wars and the Cold War, but picked up again in the 1980s and 1990s.
 4. In the period between 1965 and 1990, the proportion of the labour force migrating approximately doubled.
 5. Most of this migration occurred between the developing countries and the least developed countries.
 6. In the late 19th century and early 20th century, the connectedness of the world's economies and cultures grew very quickly.
66. What should be the last line of the given passage?
(A) 1 (B) 2 (C) 3
(D) 4 (E) 5
67. What should be the fourth line of the given passage?
(A) 1 (B) 2 (C) 3
(D) 4 (E) 6
68. What should be the second line of the given passage?
(A) 1 (B) 2 (C) 3
(D) 4 (E) 6
69. What should be the third line of the given passage?
(A) 1 (B) 2 (C) 3
(D) 4 (E) 5
70. What should be the fifth line of the given passage?
(A) 1 (B) 2 (C) 3
(D) 4 (E) 5

Directions for Questions 71 – 75: Each of the following sentences tests your ability to recognize grammar and usage errors. The sentence contains either a single error or no error at all. The sentence does not contain more than

one error. The error, if there is one, is lettered. If the sentence contains an error, select the letter that must be changed to make the sentence correct. If the sentence is correct, select (E), i.e. No error.

71. (A) David Livingstone's courage was
(B) dramatically tested when,
(C) while a journey to complete a mission, he
(D) was mauled by a lion.
(E) No error
72. (A) All of the classes
(B) I tried to get enrolled into
(C) was full by the end
(D) of the first day of registration.
(E) No error
73. (A) The details of John Kennedy's death
(B) continuing to elude the
(C) most relentless
(D) of conspiracy theorists even today.
(E) No error
74. (A) If you had keep the cup
(B) at the centre of the table
(C) instead of near the edge, it
(D) would not have fallen and broken.
(E) No error
75. (A) The trust has succeeded
(B) admirably in raising
(C) money for
(D) its future programmes.
(E) No error

Directions for Questions 76 – 80: Which of the phrases (A), (B), (C) and (D) given below should replace the phrase given in bold in each of the following sentences to make it meaningful and grammatically correct? If the sentence is meaningful and correct as it is and no correction is required, mark (E) as the answer.

76. The stranger asked me if I **had know** the way to the nearest hospital.
(A) knows (B) was knowing
(C) knew (D) known
(E) No correction required
77. Do you even know **who she is going to marry?**
(A) who she is married
(B) whom she is going to marry
(C) who is she going to marry
(D) who will she marry
(E) No correction required
78. Maya **was hurried** to reach the school when she met with an accident.
(A) is hurried (B) was being hurried

- (C) was hurrying (D) has been hurrying
(E) No correction required

79. The emperor **has send word** to prepare the army for the battle.
(A) has sent words
(B) has sent word
(C) had sent a word
(D) had sent words
(E) No correction required

80. Diabetics **are avoid taking** too many sugary drinks.
(A) has avoid taking
(B) is avoid taking
(C) should avoid taking
(D) can avoid taking
(E) No correction required

Quantitative Aptitude (40 Questions)

Directions for Questions 81 – 85: What will come in place of the question mark (?) in each of the following questions?

81. $\sqrt{529} \div 46 \times 7.4 + (8)^3 - 251 = ?$
(A) 265.1 (B) 246.1
(C) 256.4 (D) 285.4
(E) None of these

82. $126 \div 14 \times (9)^2 - 53 = (?)^2$
(A) 26 (B) $\sqrt{26}$
(C) -729 (D) 27
(E) $\sqrt{27}$

83. $2\frac{2}{7} + 5\frac{1}{5} + 4\frac{1}{3} = ?$
(A) $5\frac{47}{105}$ (B) $4\frac{58}{105}$
(C) $11\frac{86}{105}$ (D) $5\frac{43}{105}$
(E) None of these

84. $3\frac{6}{7} - 6\frac{1}{4} + 5\frac{1}{3} = ?$
(A) $1\frac{65}{84}$ (B) $8\frac{1}{84}$
(C) $2\frac{79}{84}$ (D) $5\frac{47}{84}$
(E) None of these

85. $4\frac{3}{5}\% \text{ of } 450 - 9\frac{3}{9}\% \text{ of } 960 = ?$
(A) 80.19 (B) -80.17
(C) -71.46 (D) 71.46
(E) None of these

Directions for Questions 86 – 90: What approximate value will come in place of the question mark (?) in each of the following questions? (You are not expected to calculate the exact value.)

86. $6075 \div 9.02 - 670.03 + 125.33 = ?$
(A) 108 (B) 130 (C) 118
(D) 113 (E) 123

87. $3100 \div (3.3)^2 - 233 = ?$
(A) 52 (B) 60 (C) 65
(D) 70 (E) 82

88. $(3.99)^3 + (30.08)^2 - (5.99)^3 = ?$
(A) 550 (B) 590 (C) 748
(D) 650 (E) 690

89. $(827 + 328 - 563) \div (712 - 41 \times 11) = ?$
(A) 1 (B) 2 (C) 3
(D) 4 (E) 6

90. $6\frac{2}{5}$ of 248.65 = ? of 2398.59
(A) $\frac{2}{5}$ (B) $\frac{1}{4}$ (C) $\frac{1}{2}$
(D) $\frac{1}{3}$ (E) $\frac{2}{3}$

Directions for Questions 91 – 95: Complete the following series:

91. 20, 24, 36, 56, 84, ?
(A) 116 (B) 124 (C) 120
(D) 128 (E) None of these

92. 20, 12, 36, 28, 84, 72, ?
(A) 200 (B) 216 (C) 172
(D) 235 (E) 129

93. 17, 14, 14, 11, 11, 8, 8, ?
(A) 8, 5 (B) 5, 2 (C) 8, 2
(D) 5, 5 (E) 5, 8

94. 13, 29, 15, 26, 17, 23, 19, ?
(A) 21, 23 (B) 20, 21
(C) 20, 17 (D) 25, 27
(E) 22, 20

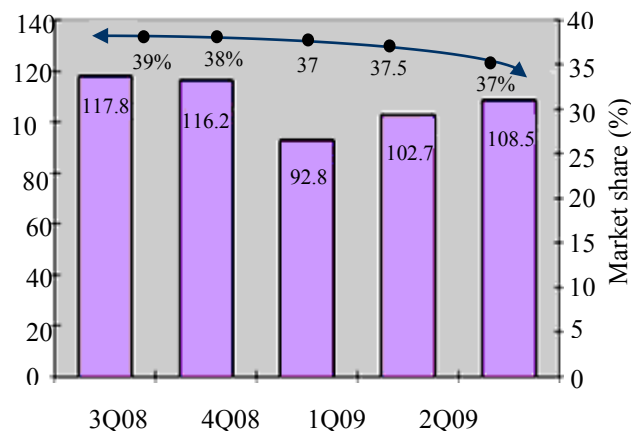
95. 14, 15, 23, 32, 96, ?
 (A) 121 (B) 124 (C) 152
 (D) 111 (E) None of these
96. If Manju's salary is 25% more than Anju's, then Anju's salary is less than Manju's by
 (A) 20% (B) 25%
 (C) 30% (D) 15%
 (E) 10%
97. Sum of 50% of x and 40% of y is equal to sum of 75% of y and 20% of x. What is x : y?
 (A) 7 : 6 (B) 6 : 7
 (C) 4 : 5 (D) 5 : 4
 (E) Cannot say
98. A sum of Rs. 117 was mistakenly divided among A, B and C in the ratio 2 : 3 : 4 instead of the ratio $\frac{1}{2} : \frac{1}{3} : \frac{1}{4}$. Who gained the most and by what amount?
 (A) A, Rs. 20 (B) B, Rs. 22
 (C) B, Rs. 24 (D) C, Rs. 25
 (E) C, Rs. 30
99. A sum was put at simple interest at a certain rate for 4 years. Had it been put at 5% higher rate, it would have fetched Rs. 200 more. Find the sum.
 (A) Rs. 1000 (B) Rs. 1100
 (C) Rs. 1200 (D) Rs. 1500
 (E) None of these
100. Surinder marks his goods 25% above cost price, but allows a discount of 12.5% for cash payment. If he sells his goods for Rs. 875, what is the CP of the goods?
 (A) Rs. 800 (B) Rs. 850
 (C) Rs. 880 (D) Rs. 825
 (E) Rs. 815
101. Divide Rs. 9800 among A, B and C in such a way that the ratio of the shares of A and B is 2 : 3 and the ratio of the shares of B and C is 4 : 5.
 (A) Rs. 2240, Rs. 3360 and Rs. 4200
 (B) Rs. 800, Rs. 4200 and Rs. 4800
 (C) Rs. 2400, Rs. 3800 and Rs. 3600
 (D) Rs. 2000, Rs. 2400 and Rs. 5400
 (E) Rs. 2400, Rs. 3600 and Rs. 4500
102. A job can be completed by 10 men in 20 days and by 20 women in 15 days. How many days will 5 men and 10 women take to complete the job?
 (A) $17\frac{1}{2}$ (B) $17\frac{1}{7}$ (C) 17
 (D) $17\frac{1}{120}$ (E) 16
103. A, B and C can do a piece of work in 20, 30 and 40 days, respectively. A and C started the work and B joined 4 days later. A left 8 days before the completion of work and C was also absent for 5 days in between. How many days will it take for the work to be completed?
 (A) $13\frac{2}{13}$ days (B) $14\frac{3}{13}$ days
 (C) $15\frac{4}{13}$ day (D) $16\frac{5}{13}$ days
 (E) $17\frac{4}{13}$ days
104. A train takes 8 seconds to pass a pole when it runs at a speed of 36 km/hr. Find the length of the train.
 (A) 288 m (B) 80 m
 (C) 4.5 m (D) 80km
 (E) None of these
105. Raju runs 1250 metres each on Monday and Friday. On the other days, he runs 1500 metres, except for Sunday (he does not run on Sunday). How many kilometres will he run in 3 weeks (first day starting from Monday)?
 (A) 12.5 km (B) 20.5 km
 (C) 8.5 km (D) 25.5 km
 (E) None of these
106. P lent Rs. 6000 to Q for 3 years and Rs. 5000 to R for 2 years on simple interest at the same rate of interest and received Rs. 2800 in all from both of them as interest. Find the rate of interest.
 (A) 5% (B) 7% (C) 8%
 (D) 10% (E) 9%
107. Sahil borrows Rs. 16550 from Rishab to be paid back with CI at the rate of 10% p.a. in 3 years in 3 equal yearly installments. Find the value of each installment.
 (A) Rs. 6500 (B) Rs. 7000
 (C) Rs. 6600 (D) Rs. 6655
 (E) None of these
108. Mark sold a pack of CDs at a profit of 18%. Had he sold this pack at Rs. 20 more, he would have earned 20% profit. What was the cost of the CD pack?
 (A) Rs. 1500 (B) Rs. 1200
 (C) Rs. 1000 (D) Rs. 800
 (E) Rs. 500
109. Some men can do a piece of work in a certain number of days working for a certain number of hours a day. If the number of men, their efficiency and the working hours per day, all are increased by 25%, they complete their work in 61 days less time than estimated. What is the estimated number of days?

- (A) 125 (B) 120
(C) 100 (D) 80
(E) Cannot be determined

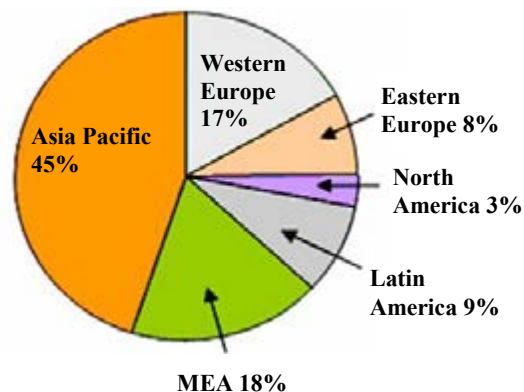
110. A and B started simultaneously from P and are going towards Q, their speeds being 36 km/hr and 15 m/s, respectively. What is the distance between them after 2 minutes of their start?
(A) 200 m (B) 400 m
(C) 600 m (D) 800 m
(E) 1000 m
111. There are coins of denominations Re. 1, Rs. 2, and Rs. 5. Their total number is 300 and the total amount is Rs. 960. When the numbers of Re. 1 and Rs. 2 coins are interchanged, the total value is decreased by Rs. 40. The total number of Rs. 5 coins is
(A) 100 (B) 140 (C) 60
(D) 120 (E) Cannot be determined
112. Two friends x and y started from city P and went to city Q, which is 240 km away. Mr. x maintained a speed of 40 kmph for a certain distance and then increased his speed to 60 kmph, whereas Mr. y started with 30 kmph and exactly at half the way, increased his speed to 80 kmph. If both x and y reached Q at the same time, then at what distance from P did Mr. x change his speed?
(A) 130 km (B) 150 km
(C) 180 km (D) 200 km
(E) None of these
113. Three containers A, B and C have mixtures of milk and water in the ratios 1 : 5, 3 : 5 and 5 : 7, respectively. The capacities of the containers are in the ratio 5 : 4 : 5. If the contents of all the three containers are mixed together, find the ratio of milk to water in the resulting mixture.
(A) 52 : 95 (B) 51 : 110
(C) 53 : 115 (D) 35 : 97
(E) 9 : 17
114. Milk and water are in the ratio 3 : 2 in a mixture of 50 litres. If 30 litres of milk is added to the mixture, what is the ratio of milk and water in the remaining solution?
(A) 2 : 3 (B) 3 : 1
(C) 3 : 2 (D) 2 : 1
(E) 1 : 3
115. A bought 20 kg of sugar at the rate of Rs. 8.50 per kg and 30 kg of sugar at the rate of 9.75 per kg. He mixed the two. At what price (per kg) should he sell the mixture to get a 25% profit on the cost price?
(A) Rs. 11.50 (B) Rs. 12.50
(C) Rs. 10.50 (D) Rs. 10.00
(E) Rs. 12.00

Directions for Questions 116 – 120: Study the following data and answer the questions that follow:

NOKIA, 3Q09 Global Market



Estimated Nokia shipments by region, 3009



(M – Million)

3Q09 - Third quarter of the year 2009

The first graph shows total number of shipments (in millions) by Nokia for each quarter from 3Q08 to 3Q09 and its global market share.

116. What is the percent decrease in shipments in 3Q09 from 3Q08?
(A) 5.7 (B) 6.8 (C) 7.9
(D) 9.1 (E) 10.2
117. What is the ratio of shipments for America (both Latin and North America) to those for MEA in 3Q09?
(A) 2 : 3 (B) 4 : 5
(C) 5 : 4 (D) 3 : 2
(E) 3 : 4
118. Find the average number of shipments by Nokia per quarter for the given duration.
(A) 105.7 M (B) 106.7 M
(C) 107.5 M (D) 107.6 M
(E) 108.5 M

119. What is the difference between the number of shipments for Europe and that for Asia-Pacific for 3Q09?
 (A) 10.90 M (B) 21.70 M
 (C) 30.38 M (D) 40.15 M
 (E) 50.60 M

120. What is the percent decrease in market share from 3Q08 to 3Q09?
 (A) 5.41 (B) 5.13 (C) 2
 (D) 1.73 (E) 0.95

Reasoning Ability (40 Questions)

Directions for Questions 121 – 125: Study the following information carefully and answer the questions given below.

B, M, K, H, T, R, D, W and A are sitting around a circle facing the centre. R is third to the right of B. H is second to the right of A, who is second to the right of R. K is third to the right of T, who is not an immediate neighbour of H. D is second to the left of T. M is fourth to the right of W.

121. Who is to the immediate left of W?
 (A) R (B) T (C) B
 (D) Data inadequate (E) None of these
122. Who is third to the left of M?
 (A) B (B) W (C) K
 (D) None of these (E) Either (A) or (B)
123. Who is third to the left of H?
 (A) A (B) T (C) K
 (D) R (E) Data inadequate
124. Who is to the immediate left of D?
 (A) H (B) M (C) B
 (D) Data inadequate (E) None of these
125. In which of the following combinations is the third person sitting between the first and the second persons?
 (A) WTR (B) BDT
 (C) MHD (D) WKR
 (E) KAM

Directions for Questions 126 – 130: Read the given information and answer the questions that follow: Eight students namely Puneet, Qareem, Raheem, Sahil, Eshan, Fazal, Gyani and Himesh, reside in a hostel which is an 8-storeyed building. Each floor is numbered from 1 to 8. The ground floor is floor number 1 and the topmost floor is floor number 8.

- Sahil does not reside at the topmost floor.
- Eshan resides at the floor whose number is exactly divisible by 2 and immediately below the floor where Fazal resides.
- Raheem resides at the lowermost floor. Puneet resides immediately below the floor at which Qareem resides.
- Only one person resides at the floor between the floors of Himesh and Puneet.

5. Puneet resides at the floor below the one at which Himesh resides. Qareem resides at floor number 6.
126. Which floor does Sahil reside at?
 (A) 4 (B) 3 (C) 2
 (D) 1 (E) None of these
127. Who resides just above the floor of Puneet?
 (A) Qareem (B) Sahil
 (C) Fazal (D) Gyani
 (E) Himesh
128. The number of people who reside at the floor between Eshan and Qareem is
 (A) 1 (B) 2 (C) 3
 (D) 4 (E) None of these
129. Name the person who resides immediately below floor number 7.
 (A) Qareem (B) Raheem
 (C) Sahil (D) Puneet
 (E) None of these
130. Who resides two floors above Raheem?
 (A) Qareem (B) Fazal
 (C) Sahil (D) Puneet
 (E) None of these
131. In the following question, letters are coded in a certain way. Identify the pattern and **answer** the question.
 If 'AMNEST' is coded as 'CPRKZW', how is 'KANGAROO' coded?
 (A) MDRMHUSU (B) MDRMHUSS
 (C) MHRMHUSS (D) MDRMDUSS
 (E) DMRMHUSU
132. In a certain code, BUILDER is written as JVCKSFE. How is SEALING written in that code?
 (A) BTFKHOJ (B) JOHKBFT
 (C) TFBKHOJ (D) BFTKJOH
 (E) None of these
133. If 'black' is called 'red', 'red' is called 'white', 'white' is called 'brown', 'brown' is called 'yellow', 'yellow' is called 'blue' and 'blue' is called 'green', then what is the colour of milk?

- (A) Blue (B) Green
(C) White (D) Brown
(E) None of these

134. If the positions of the first and the fifth digits of the number 83591427 are interchanged, similarly the positions of the second and the sixth digits are interchanged and so on, then which of the following will be the second digit from the right end after the rearrangement?

- (A) 5 (B) 3 (C) 9
(D) 2 (E) None of these

135. In a certain code, 'for profit order now' is written as 'ho ja ye ga', 'right now for him' is written as 'ga ve ja se', 'place order for profit' is written as 'ga bi ho ye' and 'only in right order' is written as 've du ye zo'.

What does 'bi' stand for?

- (A) profit (B) order
(C) place (D) for
(E) now

Directions for Questions 136 – 140: The question below consists of four statements followed by four conclusions numbered I, II, III and IV. You have to take the given statements to be true even if they seem to be at variance from the commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follow(s) from the given statements disregarding the commonly known facts.

136. **Statements:**

Some moons are rains.
Some rains are stars.
All stars are comets.
All comets are clouds.

Conclusions:

- I. Some clouds are rains.
II. Some comets are moons.
III. Some comets are rains.
IV. Some stars are clouds.
(A) None follows
(B) Only II and III follow
(C) Only III and IV follow
(D) Only I and III follow
(E) None of these

137. **Statements:**

Some cars are buses.
Some buses are trains.
All aeroplanes are trains.
All trucks are buses.

Conclusions:

- I. Some aeroplanes are trucks.
II. Some cars are trains.
III. No truck is train.
IV. Some trucks are cars.
(A) None follows

- (B) Only II and III follow
(C) Only III and I follow
(D) Only I and III follow
(E) None of these

138. **Statements:**

Some stoves are ovens.
All ovens are cylinders.
Some engines are stoves.
Some metals are cylinders.

Conclusions:

- I. Some ovens are metals.
II. Some cylinders are stoves.
III. Some ovens are engines.
IV. Some metals are stoves is a possibility.
(A) All follow
(B) Either I or III follows
(C) Either I or III and IV follow
(D) Only II and IV follow
(E) None of these

139. **Statements:**

Some jeans are trousers.
No trouser is shirt.
All shirts are buttons.
Some jeans are buttons.

Conclusions:

- I. Some shirts are jeans.
II. No shirt is jean.
III. Some trousers are buttons.
IV. All buttons are shirts.
(A) All follow
(B) Either I or II follows
(C) Either I or III and IV follow
(D) Only II and IV follow
(E) None of these

140. **Statements:**

Some pens are books.
All books are copies.
All copies are pencils.
No pencil is rubber.

Conclusions:

- I. Some pens are rubbers.
II. All books are pencils.
III. Some copies are pens.
IV. All pencils are copies.
(A) All follow
(B) Either I or II follows
(C) Either I or III and IV follow
(D) Only II and III follow
(E) None of these

141. If each consonant in the word TOLERANT is replaced by the previous letter in the English alphabet, each vowel in the word is replaced by the next letter in the English alphabet and the new set of letters is arranged alphabetically, which of the following will be the fourth from the right end?

- (A) M (B) P (C) Q
(D) K (E) None of these

142. Fill in the missing term.

- G, H, J, M, ()
(A) T (B) S (C) R
(D) Q (E) U

143. In the following series, what would come in place of the question mark?

DEB IJG NOL ? XYV

- (A) RSP (B) STP
(C) RSQ (D) STQ
(E) STO

144. Study the following arrangement carefully and answer the question given below:

R D A K 5 B I 2 M J E N 9 7 U Z V 1 W 3 H 4 F
Y 8 P 6 T G

Which of the following is eighth to the left of the seventeenth from the left end?

- (A) M (B) J (C) 8
(D) 5 (E) None of these

145. How many such pairs of letters are there in the word PREAMBLE, each of which has as many letters between them in the word as in the English alphabet?

- (A) None (B) One
(C) Two (D) Three
(E) More than three

146. In a row of girls, Nivedita is 15th from the left and Vimla is 23rd from the right. If they interchange their positions, Nivedita becomes 18th from the left. What will be the current position of Vimla from the right?

- (A) 24th (B) 25th (C) 26th
(D) 30th (E) None of these

147. Sahil walks 5 km West, then turns 90° clockwise and walks 6 km. Then he turns right and walks 5 km, then turns back and walks 3 km and then turns left and walks 6 km. How far and in which direction is he from the starting point?

- (A) 2 km, West
(B) 2 km, East
(C) 2 km, North-West
(D) 2 km, North-East
(E) None of these

Directions for question 148 – 150: Study the following information carefully and answer the questions given below.

- (i) 'P × Q' means 'P is mother of Q'.
(ii) 'P + Q' means 'P is sister of Q'.
(iii) 'P ÷ Q' means 'P is father of Q'.
(iv) 'P – Q' means 'P is brother of Q'.

148. Which of the following means 'M is niece of R'?

- (A) $M - T \div J - R$ (B) $T \div M - K$
(C) $R - T \div M - K$ (D) $R + T \div M + K$
(E) None of these

149. If 'A × D' means 'A is the sister of D', 'A + D' means 'D is the daughter of A' and 'A ÷ D' means 'A is the mother of D', then how will 'N as the aunt of M' be denoted?

- (A) $M + L \times N$ (B) $M \div L + N$
(C) $L \div N \div M$ (D) $N \times L \div M$
(E) None of these

150. M is the sister of D. R is the brother of D. F is the father of M and T is the mother of R. How is D related to T?

- (A) Brother (B) Son
(C) Daughter (D) Data inadequate
(E) None of these

Directions for Questions 151 – 155: In the following questions, the symbols @, #, %, \$ and © are used with the following meanings as illustrated below:

'P # Q' means 'P is neither greater than nor equal to Q'.
'P © Q' means 'P is neither equal to nor smaller than Q'.
'P % Q' means 'P is neither smaller than nor greater than Q'.

'P \$ Q' means 'P is not smaller than Q'.

'P @ Q' means 'P is not greater than Q'.

Now in each of the following questions, assuming the given statement to be true, find which of the three conclusions I, II and III given below is/are **definitely true** and give your answer accordingly.

151. **Statements:**

$R @ D$, $D © W$, $B \$ W$

Conclusions:

- I. $W \# R$
II. $B © D$
III. $W \$ R$
(A) None is true.
(B) Only I is true.
(C) Only III is true.
(D) Only either I or III is true.
(E) All are true.

152. **Statements:**

$H \$ V$, $V \% M$, $K © M$

Conclusions:

- I. $K © V$
II. $M @ H$
III. $H © K$
(A) Only I and III are true.
(B) Only II and III are true.
(C) Only I and II are true.
(D) All are true.
(E) None is true.

153. **Statements:**
 K # T, T \$ B, B @ F
Conclusions:
 I. F \$ T
 II. K # B
 III. T \$ F
 (A) None is true.
 (B) Only I is true.
 (C) Only I and II are true.
 (D) Only II and III are true.
 (E) All are true.

154. **Statements:**
 Z # F, R @ F, D © R
Conclusions:
 I. Z # R
 II. F # D
 III. D © Z
 (A) None is true.
 (B) Only I is true.
 (C) Only III is true.
 (D) Only either I or III is true.
 (E) All are true.

155. **Statements:**
 M © R, R % D, D @ N
Conclusions:
 I. M © N
 II. N \$ R
 III. M © D
 (A) Only I and II are true.
 (B) Only II and III are true.
 (C) Only I and III are true.
 (D) All are true.
 (E) None of these

Directions for Questions 156 –160: Study the following information carefully and answer the questions that follow.

‘Please give your pen’ is written as ‘1a 2b 3c 4d’.
 ‘Your questions is important’ is written as ‘5e 6f 2b 7g’.
 ‘Important person keep pen’ is written as ‘7g 4d 8h 9i’.
 ‘Keep strong questions please’ is written as ‘6f 8h 3c jk’.

156. What is the code for ‘person’?
 (A) 2b (B) 9i (C) 3c
 (D) 4d (E) None of these
157. What is the code for ‘give’?
 (A) 8h (B) 9i (C) 1a
 (D) 7g (E) None of these
158. Which of the following may represent ‘please keep contact’?
 (A) 3c 7g 8h (B) 6f 8h 3c
 (C) 8h 3c 2b (D) 3c 8h mn
 (E) 8h 3c 9i
159. What is the code of ‘jk’?
 (A) person (B) is
 (C) give (D) strong
 (E) None of these
160. Which of the following may represent ‘keep your pen yourself’?
 (A) 8h 2b 4d zx (B) 2b 8h 4d 6f
 (C) 2b 4d 8h 3c (D) 4d 8h 2b 9i
 (E) 8h 2b 4d jk

Computer Ability (40 Questions)

161. The best reason that a computer needs to have a hard disk is that
 (A) it can then use the same programs on other computers
 (B) it would not work without one
 (C) it can store information when it is switched off
 (D) it can store information while it is working
 (E) None of these
162. A box that appears when the computer needs additional information in order to carry out a task is called
 (A) search box (B) select box
 (C) dialog box (D) address box
 (E) None of these
163. The computer as a machine, and all other equipment associated with it, is termed as _____.
- (A) hardware (B) software
 (C) firmware (D) malware
 (E) None of these
164. The microprocessor is plugged into the _____ of a computer.
 (A) expansion board (B) terminal
 (C) hard drive (D) motherboard
 (E) operating system
165. Which of the following is the most common type of storage device?
 (A) Persistent (B) Optical
 (C) Magnetic (D) Flash
 (E) Steel
166. What is the process of dividing the disk into tracks and sectors called?

- (A) Tracking (B) Formatting (A) Terminal (B) Light pen
(C) Crashing (D) Allotting (C) Digitizer (D) Mouse
(E) None of these (E) All of these
167. Which of the following devices is/are not used for connection?
(A) Router (B) Hub
(C) Switch (D) All of the above
(E) None of these
168. 'WiFi' stands for
(A) Wireless Form of Internet
(B) Worldwide Featured Internet
(C) Wireless Fidelity
(D) Wirefree Internet
(E) None of these
169. The process of converting data into information in computer terminology is called _____.
(A) compiling (B) interpreting
(C) binding (D) processing
(E) warehousing
170. A data warehouse
(A) can be updated by the end users
(B) contains numerous naming conventions and formats
(C) is organised around important subject areas
(D) contains only current data
(E) None of these
171. Which of the following statements is false about file names?
(A) Files may share the same name or the same extension but not both.
(B) Every file in the same folder must have a unique name.
(C) File extension is another name for file type.
(D) The file extension comes before the dot (.) followed by the file name.
(E) None of these
172. For which type of file is JPEG format used?
(A) Image file
(B) Text file
(C) Windows Excel file
(D) DOC file
(E) .exe file
173. Input devices are used to provide the steps and tasks the computer needs to process data, and these steps and tasks are collectively called
(A) program (B) design
(C) information (D) instruction
(E) flow chart
174. Which of the following is/are required when more than one person uses a central computer at the same time?
175. Types of voice recognition system include
(A) speaker dependent system
(B) speaker independent system
(C) discrete speech recognition
(D) continuous speech recognition
(E) all of the above
176. Background colours or effects applied on a document are not visible in
(A) Web Layout View
(B) Print Layout View
(C) Reading View
(D) Print Preview
(E) Slide View
177. Which of the following data transmission systems involve transferring and receiving data simultaneously?
(A) Simplex (B) Simple Complex
(C) Half Duplex (D) Full Duplex
(E) None of the above
178. VDU is a computing device that allows for input by a user and output to a display, like a computer monitor. VDU stands for
(A) Video Display Unit
(B) Virtual Display Unit
(C) Vocal Display Unit
(D) Volatile Display Unit
(E) Visual Display Unit
179. _____ system is used for marking multiple-choice examinations or processing a user survey.
(A) MICR (B) OMR
(C) OCR (D) Barcode reader
(E) None of the above
180. Operating systems, compilers, editors and debuggers are included in
(A) system software (B) application software
(C) utilities (D) directives
(E) None of the above
181. Which of the following file extensions is/are used to denote images?
(A) .jpg (B) .gif
(C) .png (D) All of the above
(E) None of these
182. A dynamic IP address is assigned by
(A) SMTP (B) HTTP
(C) DHCP (D) DNS
(E) FTP

183. DNS stands for
 (A) Domain Name System
 (B) Dynamic Name System
 (C) Dynamic Number System
 (D) Domain Number System
 (E) Dynamic Name Server
184. Which of the following is/are image file extension(s)?
 (A) .jpg (B) .tif (C) .gif
 (D) .png (E) All of the above
185. Which of the following file extensions is used to represent Android package files?
 (A) .rar (B) .apk
 (C) .amr (D) .aif
 (E) .aup
186. Which of the following is not an audio file extension?
 (A) .mp3 (B) .wma
 (C) .wav (D) .mp4
 (E) .ram
187. Which of the following is correct with respect to geographical network coverage area?
 (A) LAN<WAN<PAN<MAN
 (B) PAN<LAN<MAN<WAN
 (C) PAN<MAN<LAN<WAN
 (D) LAN<PAN<WAN<MAN
 (E) MAN<PAN<LAN<WAN
188. Which of the following is not a networking device?
 (A) Switch (B) Hub
 (C) Router (D) Bridge
 (E) Interface
189. Which of the following is not a wireless technology?
 (A) WiMax
 (B) DSL
 (C) Bluetooth technology
 (D) Zigbee
 (E) None of the above
190. The Function of a Firewall is to
 (A) monitor the network traffic
 (B) control the incoming and outgoing network traffic
 (C) establish a barrier between a trusted internal network and other outside network
 (D) Only a and b
 (E) All a, b and c
191. The network used by business entities to relay data among staff, clients, buyers and suppliers from various geographical locations can be classified under
 (A) Local Area Network
 (B) Wide AREA Network
 (C) Personal Area Network
 (D) Metropolitan Area Network
 (E) None of the above
192. Which of the following is incorrect?
 (A) 1 byte = 8 bits
 (B) 1 KB = 1024 bytes
 (C) 1 GB = 1024 KB
 (D) 1 GB = 1024 MB
 (E) 1 TB = 1024 GB
193. PDF is a file format used for saving documents in the form of an electronic image. What does PDF mean?
 (A) Printed Document File
 (B) Printed Document Format
 (C) Portable Document Format
 (D) Portable Database File
 (E) Printed Database File
194. _____ helps to copy and archive computer data so it may be used to *restore* the original information after a data-loss event.
 (A) Operating system
 (B) System software
 (C) Utility
 (D) Driver
 (E) Backup software
195. Which of the following is a technique to combine multiple signals into one to be transmitted over a shared medium?
 (A) Digital transmission
 (B) Analog transmission
 (C) Encoding
 (D) Multiplexing
 (E) Digitizing
196. If the content of a drive is added at the time of manufacturing and cannot be modified by a user, the drive would be referred to as
 (A) read and write only
 (B) write only
 (C) read only
 (D) run only
 (E) None of the above
197. _____ refers to running multiple programs simultaneously on a single processor.
 (A) Multiprocessing
 (B) Multiprogramming
 (C) Multitasking
 (D) Time sharing
 (E) None of the above
198. What does TCP stand for?
 (A) Transmission Control Protocol

- (B) Transfer Control Protocol
- (C) Tools Common Platform
- (D) Total Control Protocol
- (E) None of the above

199. A _____ operating system allows multiple users to access information on a single machine from different computers or terminals.
- (A) multiprogramming
 - (B) multitasking
 - (C) multi-user

- (D) multiprocessing
- (E) real-time

200. _____ is a reference to a page, document or information to which the user is directed when he clicks on it.
- (A) Website
 - (B) Hyperlink
 - (C) Text alignment
 - (D) Wikipedia
 - (E) None of the above

Answer Key and Solutions (Mains)

1. Mock Test 1

2. Mock Test 2

3. Mock Test 3

4. Mock Test 4

5. Mock Test 5

IBPS Clerical (Mains) Mock Test – 1

1. (C)	2. (D)	3. (D)	4. (C)	5. (A)	6. (B)	7. (A)	8. (B)
9. (C)	10. (C)	11. (C)	12. (C)	13. (E)	14. (C)	15. (C)	16. (B)
17. (E)	18. (B)	19. (A)	20. (A)	21. (C)	22. (E)	23. (B)	24. (A)
25. (C)	26. (B)	27. (A)	28. (D)	29. (C)	30. (B)	31. (B)	32. (A)
33. (E)	34. (B)	35. (C)	36. (B)	37. (C)	38. (D)	39. (A)	40. (C)
41. (B)	42. (B)	43. (A)	44. (E)	45. (B)	46. (D)	47. (D)	48. (C)
49. (C)	50. (D)	51. (D)	52. (D)	53. (B)	54. (C)	55. (C)	56. (D)
57. (A)	58. (C)	59. (D)	60. (A)	61. (A)	62. (C)	63. (B)	64. (C)
65. (B)	66. (A)	67. (E)	68. (C)	69. (E)	70. (B)	71. (B)	72. (C)
73. (E)	74. (C)	75. (C)	76. (A)	77. (B)	78. (B)	79. (D)	80. (A)
81. (B)	82. (B)	83. (D)	84. (A)	85. (B)	86. (C)	87. (E)	88. (E)
89. (E)	90. (E)	91. (A)	92. (B)	93. (D)	94. (B)	95. (B)	96. (B)
97. (A)	98. (A)	99. (B)	100. (D)	101. (B)	102. (C)	103. (A)	104. (B)
105. (D)	106. (A)	107. (A)	108. (D)	109. (A)	110. (A)	111. (B)	112. (A)
113. (E)	114. (A)	115. (D)	116. (D)	117. (D)	118. (C)	119. (B)	120. (A)
121. (C)	122. (B)	123. (D)	124. (B)	125. (C)	126. (D)	127. (D)	128. (C)
129. (A)	130. (C)	131. (C)	132. (A)	133. (B)	134. (D)	135. (B)	136. (C)
137. (B)	138. (E)	139. (A)	140. (A)	141. (D)	142. (D)	143. (C)	144. (A)
145. (B)	146. (D)	147. (D)	148. (D)	149. (D)	150. (D)	151. (B)	152. (C)
153. (D)	154. (A)	155. (B)	156. (B)	157. (D)	158. (B)	159. (D)	160. (E)
161. (C)	162. (C)	163. (B)	164. (C)	165. (D)	166. (B)	167. (B)	168. (C)
169. (A)	170. (B)	171. (B)	172. (A)	173. (B)	174. (C)	175. (C)	176. (D)
177. (A)	178. (C)	179. (C)	180. (B)	181. (D)	182. (B)	183. (D)	184. (B)
185. (D)	186. (E)	187. (A)	188. (B)	189. (C)	190. (C)	191. (B)	192. (C)
193. (D)	194. (B)	195. (C)	196. (D)	197. (C)	198. (D)	199. (C)	200. (A)

1. **Answer:** (C)
An outcome Budget measures the development outcomes of all government programmes.
2. **Answer:** (D)
The basis of determining dearness allowance to employees in India is CPI.
3. **Answer:** (D)
4. **Answer:** (C)
5. **Answer:** (A)
6. **Answer:** (B)
7. **Answer:** (A)
8. **Answer:** (B)
9. **Answer:** (C)
EEFC account can be opened in the form of Current account only.
11. **Answer:** (C)
SWADHAN is sponsored by Indian Banks' Association.
12. **Answer:** (C)
13. **Answer:** (E)
In 2011, Karnataka became the first state in the country to launch RBI's e-payment system for commercial tax payers.
14. **Answer:** (C)
In capital market, the term 'arbitrage' is used with reference to simultaneous purchase and sale of securities to make profits from price.
15. **Answer:** (C)
16. **Answer:** (B)

17. **Answer:** (E)
18. **Answer:** (B)
19. **Answer:** (A)
20. **Answer:** (A)
21. **Answer:** (C)
22. **Answer:** (E)
23. **Answer:** (B)
24. **Answer:** (A)
25. **Answer:** (C)
Viet Thanh Nguyen won the 2016 Pulitzer Prize for fiction for his 2015 novel 'The Sympathizer'.
26. **Answer:** (B)
27. **Answer:** (A)
28. **Answer:** (D)
The guidelines draft for universal bank licences released by the Reserve Bank of India (RBI), in May 2016, has categorically mentioned the prevention on the entry of large conglomerates into the banking sector.
29. **Answer:** (C)
30. **Answer:** (B)
31. **Answer:** (B)
32. **Answer:** (A)
33. **Answer:** (E)
34. **Answer:** (B)
35. **Answer:** (C)
36. **Answer:** (B)
37. **Answer:** (B)
38. **Answer:** (D)

39. **Answer:** (A)
 40. **Answer:** (C)
 41. **Answer:** (B)
 'I felt that Indians residing in England ought to do their bit in the war. English students had volunteered to serve in the army, and Indians might do no less. A number of objections were taken to this line of argument.'
42. **Answer:** (B)
 It is given that 'I felt then that it was more the fault of individual British officials than of the British system, and that we could convert them by love.'
43. **Answer:** (A)
 It is given that 'The volunteers began their preliminary training in first aid to the wounded under the well-known Dr. Cantlie. It was a short course of six weeks, but it covered the whole course of first aid.'
44. **Answer:** (E)
 It is given that 'I wrote a letter to Lord Crewe, acquainting him with these facts, and expressing our readiness to be trained for ambulance work.... The volunteers began their preliminary training in first aid to the wounded under the well-known Dr. Cantlie.'
45. **Answer:** (B)
 It is given that 'Lord Crewe accepted the offer after some hesitation, and thanked us for having **tendered** our services to the Empire at that critical hour.'
46. **Answer:** (D)
 It is given that 'London in these days was a sight worth seeing. There was no panic, but all were busy helping to the best of their ability.'
47. **Answer:** (D)
 To be 'stranded' means to be left somewhere without choosing to, so 'stuck' is the correct option here.
48. **Answer:** (C)
 Preliminary means preceding or done in preparation for something fuller or more important. Thus, 'final' is the correct antonym here.
49. **Answer:** (C)
 Infirm means not physically or mentally strong, especially through age or illness. Thus, 'robust' is the correct antonym here.
50. **Answer:** (D)
 Contended means to take a position in an argument, so 'asserted' is the correct option here.
51. **Answer:** (D)
 Only options (B) and (D) can be considered. To 'mete out' means to allot or distribute and 'to slap' means to force or to throw. For the second blank, only 'defaulting' can be correct. Thus, (D) is the correct answer.
52. **Answer:** (D)
 The most peaceful citizen is not the one who is heavily armed. The contention that an army is the best security is about as logical.
53. **Answer:** (B)
 'Height' will go with 'of selfishness'; 'appreciate' meaning 'approve of' will go with the latter part.
54. **Answer:** (C)
 To 'expose' something requires courage. Thus, all options except (A) and (C) can be eliminated. Coming to the second blank: insolence means arrogance. One does not need insolence to commend others. Equipose is best suited as it means mental balance. Thus, option (C) is the answer.
55. **Answer:** (C)
 The second blank seems easier to fill as we have to put the opposite of 'withdrawal from duties'. The only coherent fit is (C).
56. **Answer:** (D)
 Here, the sentence talks about a building. Options A, B and E can't be used for a mansion. Option C doesn't make any sense in this context as the sentence presents the location of the building. So, option (D) is the correct answer.
57. **Answer:** (A)
 Option (E) is not related in meaning to what is needed in this context ('would gladly tell you'). Establish means to found, institute, build, or bring into being on a firm or stable basis. So, option (A) is the correct answer.
58. **Answer:** (C)
 Here, no contrasting idea has been presented. So, 'and' is the correct conjunction to complete the sentence.
59. **Answer:** (D)
Fastly is no word. Only 'rapidly' fits in the context of economic growth here. Haughtily (arrogantly), frequently (often) and deeply (far down or in) do not make sense here.
60. **Answer:** (A)
 A dream is followed or pursued. It means to seek to attain or accomplish (a goal) over a long period. So, option (A) is the correct answer.
61. **Answer:** (A)
From scratch is the correct phrase. It means to make something by starting from the beginning with the basic ingredients. Other options do not fit here.
62. **Answer:** (C)
 We need a relative pronoun for noun 'Matou household'. Options (B), (D) and (E) are incorrect as they are not relative pronouns. **Who** cannot be used as the subject in question is not a person. **Which** is the correct word here.
63. **Answer:** (B)
 No contrast or contradiction has been presented here. Only option B fits in this context. It means in whatever way, manner, or state.
64. **Answer:** (C)

Options (A), (B) and (D) are grammatically incorrect. Option (E) is illogical in this context. Option (C) is the correct answer.

65. **Answer:** (B)

Options (A), (C) and (D) do not fit with 'business' here. Option (E) does not fit in this context. Boom means to experience a period of great prosperity or rapid economic growth. So, it is the correct answer.

Solutions for Questions 66 – 70:

1 introduces 'Early Vedic Aryans'. 1 mentions 'tribes' and 3 begins to talk about their chief. 6 introduces 'sabha and samiti' and 'the two bodies' in 5 refers to it. Thus, we get 1365 link. 4 introduces a problem and 2 presents a solution to it. Thus, the correct sequence is 136542.

66. **Answer:** (A)

67. **Answer:** (E)

68. **Answer:** (C)

69. **Answer:** (E)

70. **Answer:** (B)

71. **Answer:** (B)

'Serve as' is the correct phrase which means to act in the manner of.

72. **Answer:** (C)

'Heroes' is the correct word. Here, he has many heroes but he met one of them.

73. **Answer:** (E)

There is no error in the sentence.

74. **Answer:** (C)

'Weaknesses' is the correct word. Since 'were' is following the subject, the subject should be plural.

75. **Answer:** (C)

'Not' should be omitted. Since 'hardly' (negative) has been used in the sentence, 'not' makes a double negative and should be omitted.

76. **Answer:** (A)

Error of repetition and redundancy. 'In my opinion' and 'I think' mean the same.

77. **Answer:** (B)

Error of prepositional usage. To refer to a period of someone's reign, we use the preposition 'during'. Between is used to refer to two specific points of time.

78. **Answer:** (B)

Case of improper prepositional usage. 'In the Hindus' should be replaced by 'among the Hindus'.

79. **Answer:** (D)

Case of redundancy. 'riding in a bicycle' is incorrect and preposition 'in' should be deleted.

80. **Answer:** (A)

Error of sentence formation. 'Though' presents a contrast. But here a reason is being given for getting good marks. So, 'though' is incorrect. In its place, we should use 'as'.

81. **Answer:** (B)

$$\sqrt{3100} \times \sqrt{567} \div \sqrt{250} = ? \div 8$$

$$? = \frac{\sqrt{3100} \times \sqrt{567} \times 8}{\sqrt{250}}$$

$$= \frac{\sqrt{3100} \times \sqrt{567} \times 8}{\sqrt{250}}$$

$$= \frac{56 \times 24 \times 8}{16} \approx 670$$

82. **Answer:** (B)

$$22\% \text{ of } 450 \approx 100$$

83. **Answer:** (D)

$$30\% \text{ of } 500 + 40\% \text{ of } 800 = ?$$

$$150 + 320 = ?$$

$$470 = ?$$

84. **Answer:** (A)

$$\frac{40}{100} \times 695 = \frac{10}{100} \times x = 2780$$

85. **Answer:** (B)

Solution:

$$5461.97 - 4270.01 + 2102.99 + ? = 3303.99$$

Apply approximation:

$$5462 - 4270 + 2103 + ? = 3304$$

$$7565 - 4270 + ? = 3304$$

$$3295 + ? = 3304$$

$$? = 3304 - 3295$$

$$? = 9$$

86. **Answer:** (C)

$$\frac{150}{17} \times \frac{199}{13} \div \frac{16}{91} = \frac{150}{17} \times \frac{199}{13} \times \frac{91}{16}$$

$$= 768.20 \approx 770$$

87. **Answer:** (E)

$$? = \frac{5}{4} + \frac{14}{9} \times \frac{13}{8} \times \frac{2}{13}$$

$$= \frac{45 + 14}{36} = \frac{59}{36} = 1\frac{23}{36}$$

88. **Answer:** (E)

$$\text{We can write it as } 2^{3.3} \times 2^{5.4} \times 2^{3.3} = 2^{(3.3 + 5.4 + 3.3)} = 2^{12}$$

89. **Answer:** (E)

$$\frac{74 \times 4 + 18 \times 3}{\sqrt{441} \times 5 + 139} = \frac{350}{244}$$

90. **Answer:** (E)

$$\sqrt{49 \times 24 \times 2 - 1331} + 3 = \sqrt{1024} = 32$$

91. **Answer:** (A)

$$4 \times 2 - 1 = 7$$

$$7 \times 2 - 1 = 13$$

$$13 \times 2 - 1 = 25$$

$$25 \times 2 - 1 = 49$$

$$49 \times 2 - 1 = 97$$

92. **Answer:** (B)

16 + 17 = 33; 17 + 33 = 50; 33 + 50 = 83; etc.
(The sum of two numbers is equal to the next number.)

93. **Answer:** (D)

The series follows the following pattern:

$$1 \times 2 = 2$$

$$\begin{aligned}
 2 \times 3 &= 6 \\
 6 \times 4 &= 24 \\
 24 \times 5 &= 120 \\
 120 \times 6 &= 720 \\
 720 \times 7 &= 5040
 \end{aligned}$$

94. **Answer:** (B)

$$\frac{729}{3} = 243, \frac{243}{3} = 81$$

$$\frac{81}{3} = 27$$

$$\frac{27}{3} = 9$$

95. **Answer:** (B)

9, 15, 27, 51, 99, ?

Multiplication series:

$$3 \times 3 = 9;$$

$$3 \times 5 = 15;$$

$$3 \times 9 = 27;$$

$$3 \times 17 = 51;$$

$$3 \times 33 = 99;$$

We have

$$3, 5, 9, 17, 33, ?$$

$$5 - 3 = 2;$$

$$9 - 5 = 4 (4 = 2 \times 2);$$

$$17 - 9 = 8 (8 = 4 \times 2);$$

$$33 - 17 = 16 (16 = 8 \times 2 = 16);$$

$$65 - 33 = 32 (16 \times 2)$$

New multiplication series: $3 \times 3 = 9; 3 \times 5 = 15;$

$$3 \times 9 = 27; 3 \times 17 = 51; 3 \times 33 = 99; 3 \times 65 = 195$$

Hence, the series becomes 9, 15, 27, 51, 99, 195.

Therefore, the missing term is 195.

96. **Answer:** (B)

CI in the third year – CI in the second year
= 462 – 420 = Rs. 42

Thus, Rs. 42 is the interest on Rs. 420.

i.e. 10% of 420

Hence, rate = 10%

97. **Answer:** (A)

Let the sum borrowed be Rs. x.

Rate = 6%

Time = 1 year

$$\therefore \text{Amount} = x \left(1 + \frac{6}{100}\right)^1 = \frac{53}{50}x$$

He received interest payable half-yearly

$$= x \left(1 + \frac{3}{100}\right)^2$$

$$= x \times \frac{103}{100} \times \frac{103}{100} = \frac{10609}{10000}x$$

A.T.Q.

$$\frac{10609}{10000}x - \frac{53}{50}x = 45$$

$$\left[\frac{10609 - 10600}{10000} \right] x = 45$$

$$\frac{9}{10000}x = 45$$

$$x = \frac{45 \times 10000}{9}$$

$$= \text{Rs. } 50,000$$

98. **Answer:** (A)

CP = Rs. 20,000

SP of Harish = CP of Monika = $1.2 \times 20000 = \text{Rs. } 24,000$

CP for Sonu = $0.95 \times 24000 = \text{Rs. } 22,800$

99. **Answer:** (B)

If the cost price of the watch is Rs. x,

Then according to the question,

$$14\% \text{ of } x = 70$$

$$x = \text{Rs. } 500$$

100. **Answer:** (D)

Time required to fill the cistern when all the pipes

$$\text{are working} = \frac{1}{\frac{1}{12} + \frac{1}{16} - \frac{1}{8}}$$

$$= \frac{1}{\frac{4+3-6}{48}} = \frac{1}{\frac{1}{48}} = 48 \text{ minutes}$$

101. **Answer:** (B)

Let the rate of interest be r%.

$$275 = \frac{800 \times r \times 2}{100} + \frac{200 \times 3 \times r}{100}$$

$$275 = 22r$$

$$r = \frac{275}{22} = 12.5\%$$

102. **Answer:** (C)

Let one man do 'x' amount of work on the first day.

So, total work = $8(x + 2x + \dots + 10x) = 440x$

If only one man started the work, then

$$x + 2x + \dots + nx = 440x$$

$$\sum n = 440$$

Taking $n = 29$, we get

$$\sum n = \frac{29 \times 30}{2} = 435$$

Rest of the work will be done on the 30th day.

So, a minimum of 30 days are required.

103. **Answer:** (A)

$$\text{Amount after 8 years in post office} = \frac{7}{5} \times p$$

Interest in 8 years in post office =

$$\frac{7}{5} \times p - p = \frac{2p}{5}$$

$$I_{PO} = \% \text{ interest per year} = \frac{\frac{2p}{5} \times 100}{8 \times p} = \frac{40}{8} = 5\%$$

Amount after 12.5 years in bank = $2p$
 Interest after 12.5 years in bank = $2p - p = p$
 $I_B = \% \text{ interest per year} = \frac{p \times 100}{p \times 12.5} = 8\%$

Hence, $I_B - I_{PO} = (8 - 5)\% = 3\%$

104. **Answer:** (B)

Let discounted price be x .

After tax, it costs = $1.02x = 26.01$

$x = 25.50$

Since discounted price = $0.85(\text{M.P.})$,

M.P. = Rs. 30

105. **Answer:** (D)

70 litres of first type $\Rightarrow \frac{2}{5} \times 70 = 28$ litres of milk

70 litres of second type = $\frac{4}{7} \times 70 = 40$ litres of milk

100 litres of pure milk = 100 litres of milk

Out of total 240 litres, there is 168 litres of milk.

So, the remaining 72 litres is water.

So, required ratio = $\frac{168}{72} = \frac{7}{3}$

106. **Answer:** (A)

Speed while going downstream = $(15 + 3 - 2)$ kmph = 16 kmph

Distance = $\frac{16}{4} = 4$ km

107. **Answer:** (A)

P's 1 day work = $\frac{1}{30}$

B's 1 day work = $\frac{1}{40}$

(P + Q)'s 1 day work = $\frac{1}{30} + \frac{1}{40} = \frac{7}{120}$

Both together will finish the work in

$\frac{120}{7} = 17\frac{1}{7}$ days

108. **Answer:** (D)

Let,

$w + r = 1\frac{1}{2}$ hours = 1.5 hours = 90 minutes

$2w + 2r = 180$ minutes ... (1)

{where w = walking time, r = riding time}

Also, $2r = 30$ minutes ... (2)

(1) - (2):

$2w = 150$ minutes = 2 hours 30 minutes = 2.5 hours

109. **Answer:** (A)

Let the price of 1 ml of alcohol be Rs. x and the price of 1 ml of juice be Rs. y .

Therefore, $30x + 90y = 120$

or $x + 3y = 4$ (i)

After the increase in the prices of alcohol by 20% and that of juice by 30%, the new price of cocktail is

$36x + 117y = 150$(ii)

Now, multiplying (i) by 36 and subtracting (i) from (ii), we get

$$y = \frac{2}{3}$$

Putting this value of y in (i), we get

$x = 2$

Now, the price of 1 ml of alcohol is Rs. 2 and the price of 1 ml of juice is Rs. $\frac{2}{3}$.

Therefore, prices of 100 ml of alcohol and 100 ml of juice are Rs. 200 and Rs. 66.67, respectively.

110. **Answer:** (A)

A man works for 30 hours to complete the work.

Let the total work be denoted by W .

Let the work done by 1 boy in 1 hour be b .

Now, $b \times 5 \times 18 = W$

$$\text{or } b = \frac{W}{90}$$

30

Let 'n' boys be required to complete the work in hours.

So, $n \times b \times 30 = W$

$$\text{Or } n \times \left(\frac{W}{90}\right) \times 30 = W$$

Or $n = 3$

111. **Answer:** (B)

Cost of 10 gel pens = Rs. 200

So, the cost of 1 gel pen = $\frac{200}{10} = \text{Rs. } 20$

Cost of 20 ball pens = Rs. 300

So, the cost of 1 ball pen = $\frac{300}{20} = \text{Rs. } 15$

The ratio of the cost of a gel pen to the cost of a ball pen = $20 : 15 = 4 : 3$

Therefore, this option is correct.

112. **Answer:** (A)

Six years ago, let the ages of A and B be $10x$ and $7x$, respectively.

Nine years hence, they will be

$10x + 15, 7x + 15$

$$\text{Rs. } \frac{10x + 15}{7x + 15} = \frac{13}{10}$$

Rs. $100x + 150 = 91x + 195$

Rs. $9x = 45$

Rs. $x = 5$

Their present ages are $10x + 6$ and $7x + 6$, i.e. 56 years and 41 years, respectively.

113. **Answer:** (E)

Amount of mixture = 60 litres

Ratio of milk and water = $2 : 1$

$$\text{Rs. } \frac{M}{W} = \frac{40}{20}$$

Let the amount of added water be x litres to make the ratio $M : W = 1 : 2$.

$$\frac{40}{20+x} = \frac{1}{2}$$

$$x = 60 \text{ litres}$$

114. **Answer:** (A)

Let the price of motorcycle and bicycle be $31x$ and $2x$, respectively.

A.T.Q.

$$31x - 2x = 14500$$

$$\text{Thus, } x = 500$$

So, cost of bicycle is $2x$, i.e. Rs. 1000.

115. **Answer:** (D)

$$\frac{L}{p} = \frac{1}{3}$$

$$\frac{b}{p} = \frac{1}{6} \quad \frac{L}{b} = \frac{3}{1} = 2$$

$$L = 2b$$

$$\frac{L}{A} = \frac{L}{LB} = \frac{L}{L \times \frac{1}{2}L} = \frac{2}{L}$$

From here, we can't reach any conclusion.

116. **Answer:** (D)

$$\text{Number of applications received for post P} = 25.5 + 35.3 + 38.8 + 26.6 + 29.0 + 32.2 = 187.5$$

$$\text{Number of applications received for post Q} = 38.4 + 44.2 + 41.1 + 39.6 + 35.5 + 33.4 = 232.2$$

$$\text{Number of applications received for post R} = 43.7 + 42.0 + 38.6 + 47.2 + 30.3 + 37.8 = 239.6$$

$$\text{Number of applications received for post S} = 18.8 + 26.6 + 23.9 + 15.4 + 29.1 + 22.4 = 136.2$$

$$\text{Number of applications received for post T} = 28.3 + 31.2 + 24.4 + 38.9 + 42.0 + 30.3 = 195.1$$

$$\text{Number of applications received for post U} = 40.6 + 35.9 + 23.3 + 28.5 + 20.9 + 41.8 = 191$$

Post R received the maximum number of applications from all the banks.

117. **Answer:** (D)

$$\text{Number of applications received by bank A} = 25.5 + 38.4 + 43.7 + 18.8 + 28.3 + 40.6 = 195.3$$

$$\text{Number of applications received by bank B} = 35.3 + 44.2 + 42.0 + 26.6 + 31.2 + 35.9 = 215.2$$

$$\text{Number of applications received by bank C} = 38.8 + 41.1 + 38.6 + 23.9 + 24.4 + 23.3 = 190.1$$

$$\text{Number of applications received by bank D} = 26.6 + 39.6 + 47.2 + 15.4 + 38.9 + 28.5 = 196.2$$

$$\text{Number of applications received by bank E} = 29.0 + 35.5 + 30.3 + 29.1 + 42.0 + 20.9 = 186.8$$

$$\text{Number of applications received by bank F} = 32.3 + 33.4 + 37.8 + 22.4 + 30.3 + 41.8 = 198$$

Bank E received the least number of applications.

118. **Answer:** (C)

$$\text{Number of applications received by bank F} = 32.3 + 33.4 + 37.8 + 22.4 + 30.3 + 41.8 = 198$$

Average number of applications received by bank

$$F = \frac{19800}{6} = 3300$$

119. **Answer:** (B)

Number of applications received for specialist post T by bank C = 24.4

Number of applications received for specialist post T by bank B = 31.2

$$\text{Percentage} = \frac{24.4}{31.2} \times 100 = 78.2 = 78\%$$

(approximately)

120. **Answer:** (A)

Number of applications received by banks D, E and F for specialist post S = $15.4 + 29.1 + 22.4 = 66.9$

Number of applications received by banks A, B and C for specialist post S = $18.8 + 26.6 + 23.9 = 69.3$

$$\text{Ratio} = 66.9 : 69.3$$

$$= 223 : 231$$

121. **Answer:** (C)

From statement (II): The present age of Leena is 13 years.

From statement (I): Rita is 4 years younger than Leena.

By combining both the statements, we can calculate the present age of Rita, i.e. 9 years.

122. **Answer:** (B)

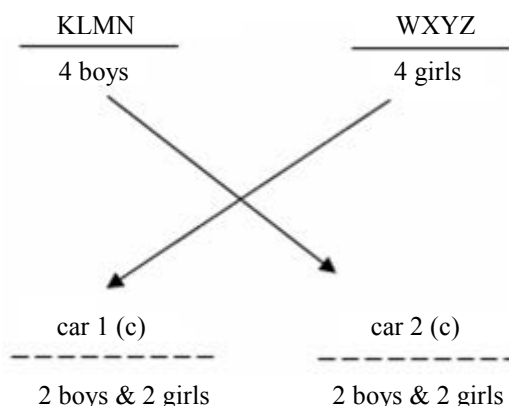
In statement (II), it is given that D is shorter than only A, which implies that D is equally tall or taller than the others (B, C, E). Therefore, A is the tallest.

123. **Answer:** (D)

Clearly, we cannot determine the code for 'walk' by using both the statements.

124. **Answer:** (B)

The problem can be visualised as follows:



Rule I K C1 or L C1

Rule II If W C1, then M C1.

Rule III If Y C1, then L C2.

If W is in car 1, then M must be in car 1 and either K or L is in car 1. Now there are exactly two boys and one girl in car 1. So, the fourth member

must be a girl. Therefore, N can't be in car 1, which means N must be in car 2.

125. **Answer:** (C)

If L is in the first car, Y must be in car II (Rule III), which eliminates choice (D). Rule I eliminates choice (A). There must be exactly two boys in each car, which eliminates choice (B).

126. **Answer:** (D)

If L, N and X are in car 1, i.e. (2 boys and 1 girl), then K and M must be in second car. If W is car 1, then M must be in car 1, but M is in car 2. So, W is in car 2.

L N X _ | K M W _

Only persons left are Y and Z. Now Y can't be in car 1.

So, Z must be in car 1 and Y in car 2.

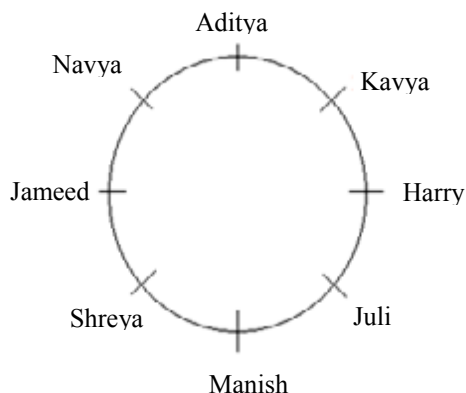
127. **Answer:** (D)

If X and Z are in the second car (2 boys), then Y and W must be in the first car. If Y is in car 1, then L must be in car 2 and if W is in car 1, M must be there and also either K or L must be in car 1. But L is in car 1, so K is in car 2. So, persons in car 1 must be K and M.

128. **Answer:** (C)

Option (C) identifies all the people in both the cars. Car 1 will have Y, K, X, N and car 2 will have M, Z, W, L.

Solution for Questions 129 – 133:



129. **Answer:** (A)

130. **Answer:** (C)

There are 3 persons between Shreya and Kavya.

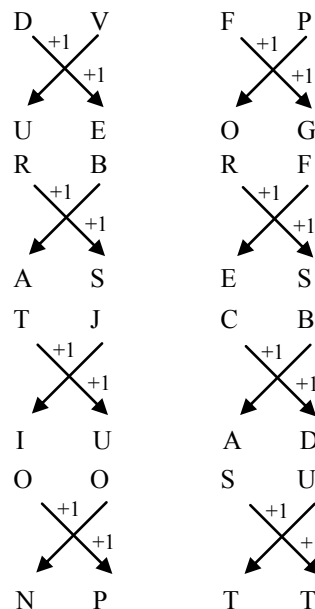
131. **Answer:** (C)

132. **Answer:** (A)

In each combination, next two persons are seated in immediate clockwise direction to the first one.

133. **Answer:** (B)

134. **Answer:** (D)



Solution for Questions 135 – 136:

Please give your pen → 1a 2b 3c **4d**

Your questions is **Important** → 5e 6f 2b **7g**

Important person keep **pen** → **7g** **4f** 8h 9i

Keep strong questions please → 6f 8h 3c **jk**

Person → 9i

Your → 2b

Please → 3c

135. **Answer:** (B)

136. **Answer:** (C)

137. **Answer:** (B)

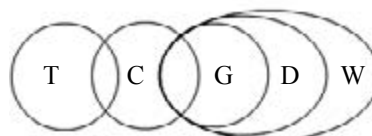
'come' is coded as 'sa' (from statements (II) and (III)).

'can' and 'you' are respectively coded as 'ka' and 'ja' (from statements (I) and (II)).

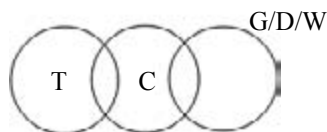
'here' is coded as 'na'.

138. **Answer:** (E)

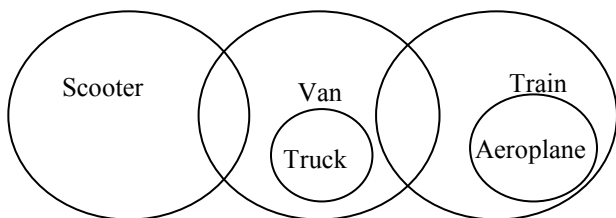
Conclusions I, II and III follow.



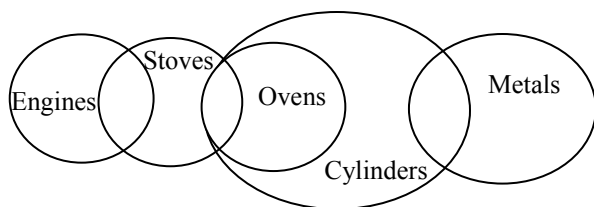
or



139. **Answer:** (A)

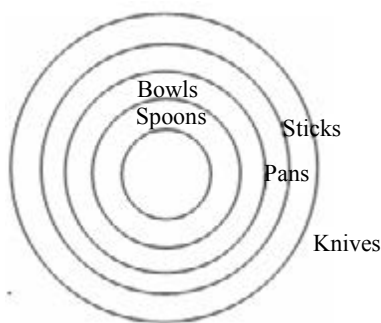


140. **Answer:** (E)

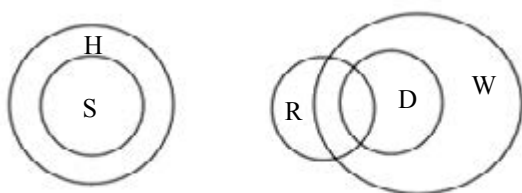


Option (E) is correct.

141. **Answer:** (D)



142. **Answer:** (D)



143. **Answer:** (C)
Twentieth from the left end is 2.
Sixth to the left of 2 is W.

144. **Answer:** (A)
9 will be the twelfth from the right end.

145. **Answer:** (B)
%R3

146. **Answer:** (D)
F 6 9
W 4*
P 2 \$

147. **Answer:** (D)

For M R J

$M + 2 = R$

$R + 2 = J$

$J + 3 = \odot$

Similarly for * E 2

$* + 2 = E$

$E + 2 = 2$

$2 + 3 = Y$

Similarly,

$Y + 2 = 1$

$1 + 2 = Z$

148. **Answer:** (D)

It may be assumed that the car was travelling at a speed greater than that of the truck and also the car must have hit the truck from the back.

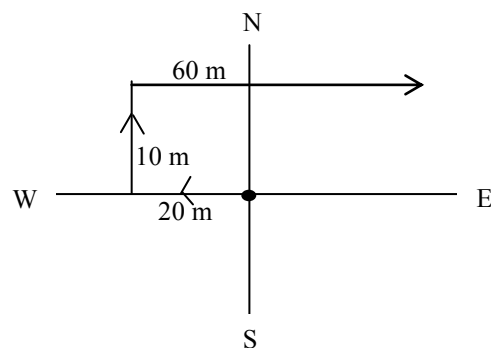
149. **Answer:** (D)

Both can be assumed for the above statement.

150. **Answer:** (D)

When a shop is established with some new features, it assumes that those features will attract customers. No business will set shop unless there is an expectation of a 'large' clientele. Hence, both I and II are implicit.

151. **Answer:** (B)



152. **Answer:** (C)

$M + N \Rightarrow$ M is the husband of N.

$N - P \Rightarrow$ N is the sister of P.

$P \times Q \Rightarrow$ P is the daughter of Q.

Conclusions: N and P are daughters of Q.

P is the sister-in-law of M.

M is the son-in-law of Q.

153. **Answer:** (D)

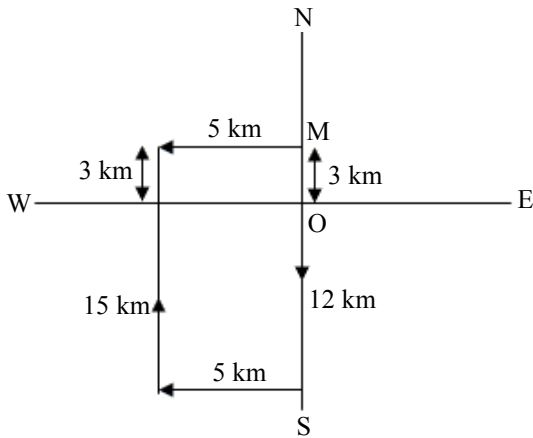
N is the sister of L. L is the mother of M.

Therefore, N will be the aunt of M.

154. **Answer:** (A)

$Y \% P$ implies that P is the father of Y and $P + Q$ implies that Q is the wife of P. $Q - X$ implies that X is the brother of Q. Since Q is the mother of Y and X is the brother of Q, so X is the maternal uncle of Y. Thus, it is the correct option.

155. **Answer:** (B)



Here M is the final point and O is the starting point. We see that point M is at a distance of 3 km from point O.

156. **Answer:** (B)

Solution:

$B < W$, $F \leq W$, $W \geq M$

So, $B < F \leq W$ and $W \geq M$

Hence, only conclusion II is correct.

157. **Answer:** (D)

$W = V$, $V < K$, $K \leq D$

So, $D > W$ and $W < K$

Hence, both conclusions are true.

158. **Answer:** (B)

According to the statements,

$B \odot D$ means $B \geq D$

$D \# R$ means $D < R$

$R @ M$ means $R \leq M$

Now various possibilities are

$B \geq D$; $D \leq B$

$R > D$; $D < R$

$M \geq R$; $R \leq M$

$M > D$; $D < M$

Conclusion I - $M * B$ means $M > B$, which is not possible.

Conclusion II - $M * D$ means $M > D$, which is possible.

So, option (B) is the correct answer.

159. **Answer:** (D)

According to the statements,

$M \% R$ means $M = R$

$R * T$ means $R > T$

$T \odot J$ means $T \geq J$

Now, various possibilities are

$M = R$; $R = M$

$R > T$; $T < R$

$M > T$; $T < M$

$T \geq J$; $J \leq T$

$R > J$; $J < R$

$M > J$; $J < M$

Conclusion I - $J \# M$ means $J < M$, which is possible.

Conclusion II - $T \# M$ means $T < M$, which is possible.

Correct option is (D).

160. **Answer:** (E)

According to the statements,

$H * T$ means $H > T$

$T @ J$ means $T \leq J$; $J \geq T$

$J \odot K$ means $J \geq K$; $K \leq J$

Now, various possibilities are

$H > T$; $T < H$

$T \leq J$; $J \geq T$

$J \geq K$; $K \leq J$

Conclusion I - $H * J$ means $H \geq J$, which is not possible.

Conclusion II - $T \odot K$ means $T \geq K$, which is not possible.

Correct option is (E)

161. **Answer:** (C)

162. **Answer:** (C)

Google is the most popular search engine.

163. **Answer:** (B)

164. **Answer:** (C)

Office 365 helps the customers to access Microsoft Office apps on Windows and OS X along with providing storage space on Microsoft's cloud storage service OneDrive.

165. **Answer:** (D)

Shift + F7 is used to run a Thesaurus check on a selected word in MS Office.

166. **Answer:** (B)

An IP Address is a numerical label which is assigned to each device connected to a computer network.

This IP Address serves as the device's identity to track its name and address.

167. **Answer:** (B)

Metropolitan Area Network (MAN) is a high speed network that is established by connecting multiple Local Area Networks (LANs) into a single network.

MAN covers a larger geographical area than LAN but smaller than WAN.

168. **Answer:** (C)

WiMAX stands for Worldwide Interoperability for Microwave Access.

169. **Answer:** (A)

Real Time Operating System has fixed time constraints, exceeding which the system fails.

The response-time to various events is sometimes so small that it appears instantaneous.

170. **Answer:** (B)

Ctrl +] is used to increase the font size of selected text in MS Word by one point.

171. **Answer:** (B)

172. **Answer:** (A)

173. **Answer:** (B)

174. **Answer:** (C)

- 175. **Answer:** (C)
- 176. **Answer:** (D)
- 177. **Answer:** (A)
- 178. **Answer:** (C)
- 179. **Answer:** (C)
- 180. **Answer:** (B)
- 181. **Answer:** (D)
- 182. **Answer:** (B)
- 183. **Answer:** (D)
- 184. **Answer:** (B)
- 185. **Answer:** (D)
- 186. **Answer:** (E)
- 187. **Answer:** (A)

When Ctrl key is pressed and then another key is pressed, the computer performs a special function.

- 188. **Answer:** (B)
- 189. **Answer:** (C)
- 190. **Answer:** (C)
- 191. **Answer:** (B)
- 192. **Answer:** (C)
- 193. **Answer:** (D)
- 194. **Answer:** (B)
- 195. **Answer:** (C)
- 196. **Answer:** (D)
- 197. **Answer:** (C)
- 198. **Answer:** (D)
- 199. **Answer:** (C)
- 200. **Answer:** (A)

IBPS Clerical (Mains) Mock Test – 2

1. (C)	2. (A)	3. (A)	4. (A)	5. (E)	6. (E)	7. (B)	8. (B)
9. (C)	10. (C)	11. (C)	12. (A)	13. (D)	14. (C)	15. (D)	16. (A)
17. (A)	18. (A)	19. (A)	20. (C)	21. (C)	22. (D)	23. (A)	24. (D)
25. (D)	26. (E)	27. (D)	28. (A)	29. (A)	30. (E)	31. (D)	32. (A)
33. (B)	34. (E)	35. (D)	36. (C)	37. (C)	38. (D)	39. (A)	40. (E)
41. (C)	42. (B)	43. (D)	44. (C)	45. (C)	46. (D)	47. (D)	48. (A)
49. (D)	50. (D)	51. (B)	52. (A)	53. (A)	54. (C)	55. (A)	56. (D)
57. (C)	58. (B)	59. (D)	60. (D)	61. (D)	62. (B)	63. (E)	64. (C)
65. (D)	66. (A)	67. (D)	68. (B)	69. (C)	70. (E)	71. (E)	72. (D)
73. (D)	74. (C)	75. (A)	76. (B)	77. (C)	78. (B)	79. (E)	80. (D)
81. (C)	82. (E)	83. (A)	84. (B)	85. (E)	86. (A)	87. (C)	88. (A)
89. (C)	90. (A)	91. (C)	92. (A)	93. (B)	94. (A)	95. (A)	96. (D)
97. (D)	98. (B)	99. (A)	100. (E)	101. (C)	102. (C)	103. (B)	104. (D)
105. (D)	106. (D)	107. (D)	108. (D)	109. (C)	110. (C)	111. (B)	112. (D)
113. (B)	114. (D)	115. (A)	116. (B)	117. (B)	118. (D)	119. (A)	120. (C)
121. (E)	122. (E)	123. (D)	124. (E)	125. (A)	126. (C)	127. (A)	128. (B)
129. (C)	130. (C)	131. (A)	132. (B)	133. (A)	134. (E)	135. (D)	136. (E)
137. (C)	138. (D)	139. (A)	140. (E)	141. (A)	142. (A)	143. (E)	144. (C)
145. (C)	146. (E)	147. (C)	148. (B)	149. (C)	150. (E)	151. (B)	152. (D)
153. (C)	154. (E)	155. (A)	156. (B)	157. (D)	158. (B)	159. (C)	160. (D)
161. (D)	162. (A)	163. (4)	164. (D)	165. (C)	166. (D)	167. (C)	168. (B)
169. (E)	170. (A)	171. (B)	172. (D)	173. (E)	174. (B)	175. (B)	176. (D)
177. (C)	178. (C)	179. (C)	180. (C)	181. (B)	182. (A)	183. (D)	184. (E)
185. (E)	186. (B)	187. (C)	188. (D)	189. (A)	190. (D)	191. (C)	192. (C)
193. (D)	194. (A)	195. (B)	196. (E)	197. (D)	198. (D)	199. (A)	200. (C)

1. **Answer:** (C)
'No-frill Account' is a basic banking account. Such account requires either nil minimum balance or very low minimum balance.
2. **Answer:** (A)
3. **Answer:** (A)
4. **Answer:** (A)
Increase in CRR (Cash Reserve Ratio) helps to reduce liquidity in the banking system.
5. **Answer:** (E)
6. **Answer:** (E)
7. **Answer:** (B)
8. **Answer:** (B)
9. **Answer:** (C)
Indian Banks' Association conducts Shared Payment Network System (SPNS).
10. **Answer:** (C)
Operational risk is associated with the failure of internal processes of a bank or business organisation.
11. **Answer:** (C)
12. **Answer:** (A)
Y. H. Malegam is the chairman of the committee constituted by RBI to study issues and concerns in the Micro Finance Institution (MFI) Sector.
13. **Answer:** (D)
Bancassurance means selling of insurance products through banks.
14. **Answer:** (C)
15. **Answer:** (D)
16. **Answer:** (A)
17. **Answer:** (A)
It is used to rate the borrowers while giving advances.
18. **Answer:** (A)
19. **Answer:** (A)
20. **Answer:** (C)
21. **Answer:** (C)
IMF (International Monetary Fund) helps the member countries in relation to financial matters.
22. **Answer:** (D)
23. **Answer:** (A)
24. **Answer:** (D)
State Bank of India is the first Public Sector Bank to increase its equity capital through public issue.
25. **Answer:** (D)
Land Development Bank is registered in India under Cooperative Societies Act.
26. **Answer:** (E)
Double Fault is not associated with banking/financial trade in India.
27. **Answer:** (D)
28. **Answer:** (A)
29. **Answer:** (A)
30. **Answer:** (E)
31. **Answer:** (D)
32. **Answer:** (A)

33. **Answer:** (B)
34. **Answer:** (E)
35. **Answer:** (D)
36. **Answer:** (C)
37. **Answer:** (C)
38. **Answer:** (D)
39. **Answer:** (A)
40. **Answer:** (E)
41. **Answer:** (C)
The narrator tells us 'My mother, moreover, succeeded in making me understand a good deal....., I owe to her loving wisdom all that was bright and good in my long night', which means that her mother was a caring and patient person.
42. **Answer:** (B)
It is given that 'Soon I felt the need of some communication with others and began to make crude signs.'
43. **Answer:** (D)
It is given that 'I had noticed that my mother and my friends did not use signs as I did when they wanted anything done, but talked with their mouths. Sometimes I stood between two persons who were conversing and touched their lips. I could not understand, and was vexed. I moved my lips and gesticulated frantically without result.'
44. **Answer:** (C)
Since the narrator repeats the naughtiness, the correct option is that there was no change even after regretting and she continues as before.
45. **Answer:** (C)
The narrator emerges as someone who is leading her life despite her handicap; hence, the correct option would be 'Fighting against all odds'.
46. **Answer:** (D)
It is given about the narrator's relationship with Martha that 'she generally submitted to my tyranny rather than risk a hand-to-hand encounter.'
47. **Answer:** (D)
Frantically means something marked by anxious and nervous activity. Calmly would be the correct antonym.
48. **Answer:** (A)
Gesticulated means to use gestures or signs. Thus, signalled is the correct synonym.
49. **Answer:** (D)
Crude means something raw or yet not developed fully. Hence, refined would be the correct antonym.
50. **Answer:** (D)
To domineer means to assert one's will over another in an arrogant way. Thus, bully will be the correct synonym.
51. **Answer:** (B)
Option 2 is the correct answer. The key words are 'critical juncture' and 'country's security'. A decision which is not well thought or decisive will put the country's security at danger. This context is captured only by the second option.
52. **Answer:** (A)
Only 'passing' can go with the latter part.
53. **Answer:** (A)
The answer to the first blank has to be similar to physiological. We can consider 'behavioural', 'psychological' and 'departmental'. But plants cannot have psychological traits. For the second blank, the key word 'desert' tells us that the answer should describe a desert like a condition which has to be arid – (dry and barren).
54. **Answer:** (C)
The second blank, joined with 'annual bonuses and' points towards some filler connected with monetary benefits. That rules out (A), (D) and (E). 'Inventiveness' in (B) for the first blank does not gel with the rest of the sentence regarding monetary benefits. Hence, option (C) is the correct answer.
55. **Answer:** (A)
'Reinforce' can go with the second part and 'encourage' with the first.
56. **Answer:** (D)
Options A, C and E are incorrect and should be followed by 'getting' to make them correct. Option B doesn't fit as it is used to give a reason or cause. Option D is the correct answer.
57. **Answer:** (C)
Option D is incorrect as 'put on' is the correct phrase. Option E is incorrect as slip into is the correct phrase. Options A and B do not fit here. *Dress in* is the correct phrase.
58. **Answer:** (B)
'Leaving for' is the correct phrase here. Other options do not make any sense in this context.
59. **Answer:** (D)
'While' means during or in the time that. It fits here as a situation has been given. During is grammatically incorrect here.
60. **Answer:** (D)
In this context, 'good enough' means acceptable. So, it is the correct answer. Other words do not fit with *good* here.
61. **Answer:** (D)
Options C and E do not fit in this context as the sentence talks about what Arthur used to do in his office. Options A and B are grammatically incorrect. Head home means to go home.
62. **Answer:** (B)
Lock up means to close a house or place of work, fastening all the doors and windows. So, it is the correct answer. Locked down means to go to jail. Lock in meant to lock a door to a place leaving someone or something inside. Lock away means to put something in a locked space or container, especially for safekeeping.
63. **Answer:** (E)

Feedback refers to a specific kind of information about reactions to a product, a person's performance of a task, etc. which is used as a basis for improvement. Here, the sentence does not contain any feedback, question or request. So, option (E) is the correct answer.

64. **Answer:** (C)

'Though' is used to present a contrast. As the earlier sentence contains 'didn't' in it, 'didn't enjoy' is opposite in meaning to 'glad'. So, option (C) is the correct answer.

65. **Answer:** (D)

As the reasons for not liking to work in a night club have been given in the sentence, only 'rowdy' (noisy and disorderly) fits here. Other words are opposite in meaning or tone.

Solution for Questions 66 – 70:

1 opens the passage and introduces the subject 'the use of medicinal plants in Asian and African countries'. 2 narrows it down to 'Himalayas'. 'This' in 3 refers to 'source of income' in 2. 4 introduces a problem related to 3. 5 presents understanding based on 4. 'Some of them' in 6 refers to declining 'medicinal plants' mentioned in 6. Thus, the correct sequence is 123456.

66. **Answer:** (A)

67. **Answer:** (D)

68. **Answer:** (B)

69. **Answer:** (C)

70. **Answer:** (E)

71. **Answer:** (E)

The sentence is grammatically correct.

72. **Answer:** (D)

There is error in usage of 'anticipating'. According to the studies, it is 'anticipated'. Use of 'anticipating' makes it sound as if the world population is anticipating an increase.

73. **Answer:** (D)

A time duration (a decade) has been given. With a time duration, we use 'for'. 'Since' is used when a start time is given.

74. **Answer:** (C)

Opposite in place of *opposition*; incorrect word usage. Opposition is used for an enemy or opponent, while the sentence talks about a position. So, opposite should be the correct answer.

75. **Answer:** (A)

'Mathematics'; the word mathematics always appears in plural form, but does not take a plural verb.

76. **Answer:** (B)

'Spoke' is the correct usage as an incident of the past is being stated.

77. **Answer:** (C)

'Was crowned' is the correct usage of the simple past tense here. The sentence is in passive voice.

78. **Answer:** (B)

'Grew up' is the correct usage of the phrase. 'Grew up' means to become an adult. The sentence is talking about being born somewhere and growing up somewhere else. 'Grew about' means to grow approximately.

79. **Answer:** (E)

The sentence is grammatically correct.

80. **Answer:** (D)

'Were prepared' is the correct usage of the past tense. With past perfect (had denied), we use simple past.

81. **Answer:** (C)

$$3\frac{6}{7} - 6\frac{1}{4} + 5\frac{1}{3} = ?$$

$$\frac{27}{7} - \frac{25}{4} + \frac{16}{3} = ?$$

$$\frac{324 - 525 + 448}{84} = ?$$

$$\frac{772 - 525}{84} = ?$$

$$\frac{247}{84} = ?$$

$$? = 2\frac{79}{84}$$

82. **Answer:** (E)

$$18\% \text{ of } 450 - 75\% \text{ of } 96 = 18 \times 4.5 - \left(\frac{3}{4}\right) \times 96$$

$$= 81 - 72 = 9$$

83. **Answer:** (A)

$$\frac{10 \div 3 \times 27 \div 9}{22.5 \div 7.5 \times 5 \div 4}$$

$$\frac{\frac{10}{3} \times \frac{27}{9}}{\frac{22.5}{7.5} \times \frac{5}{4}} = \frac{10}{3 \times \frac{5}{4}} = \frac{40}{15} = 2.6$$

84. **Answer:** (B)

$$4\frac{1}{5} \times 3\frac{1}{3} + ? = 20\% \text{ of } 120$$

$$\frac{21}{5} \times \frac{10}{3} + ? = \frac{20}{100} \times 120$$

$$7 \times 2 + ? = 2 \times 12$$

$$14 + ? = 24$$

$$? = 24 - 14$$

$$? = 10$$

85. **Answer:** (E)

$$? = \frac{23}{7} - \frac{29}{14} - \frac{8}{7} - \frac{29}{14}$$

$$= \frac{46 - 29 - 16 - 29}{14} = -\frac{28}{14} = -2$$

86. **Answer:** (A)

$$\frac{670.456}{12.624} \times 5.674 = ?$$

- $53.11 \times 5.674 = ?$
 $? = 301.34$
 $? = 301$
87. **Answer: (C)**
 $43745 \times 67 + 102 = ? \times 555$
 $2931017 = ? \times 555$
 $? = 5281.11$
 $? = 5281$
88. **Answer: (A)**
 $(87\% \text{ of } 4590) \times \frac{54}{28} = ?$
 3993.3×1.93
 $? = 7701.36$
 $? = 7701$
89. **Answer: (C)**
 $\left(\frac{15}{9}\right)^2 \times \frac{898}{39} \div \frac{41}{899} = ?$
 Apply approximation:
 $\frac{15}{9} \times \frac{15}{9} \times \frac{900}{40} \times \frac{900}{40} = ?$
 $\frac{15}{1} \times \frac{15}{1} \times \frac{100}{40} \times \frac{100}{400} = ?$
 $\frac{15}{1} \times \frac{15}{1} \times \frac{10}{4} \times \frac{10}{4} = ?$
 $\frac{15}{1} \times \frac{15}{1} \times \frac{5}{2} \times \frac{5}{2} = ?$
 $\frac{75 \times 75}{4} = ?$
 $\frac{5625}{4} = ?$
 $? = 1406.25 \approx 1400$
90. **Answer: (A)**
 $49.99\% \text{ of } 1747 - 21.99\% \text{ of } 1302 = ?$
 Apply approximation:
 $50\% \text{ of } 1750 - 22\% \text{ of } 1300 = ?$
 $\frac{50}{100} \times 1750 - \frac{22}{100} \times 1300 = ?$
 $5 \times 175 - 22 \times 13 = ?$
 $875 - 286 = ?$
 $589 = ?$
 $? = 589 \approx 590$
91. **Answer: (C)**
 The sequence is + 1, + 2, + 4, + 8, + 16, + 32,
 Hence, option (C) is the correct answer.
92. **Answer: (A)**
 Double the number gives the next number. The
 missing number is $48 \times 2 = 96$.
93. **Answer: (B)**

$$\begin{array}{ccccccc} 462 & 552 & 650 & 756 & 870 & 992 & ? \\ \hline & + (90) & + (90+8 \times 1) & + (90+8 \times 2) & + (90+8 \times 3) & + (90+8 \times 4) & + (90+8 \times 5) \end{array}$$
94. **Answer: (A)**
 $5 \times 1 + 1 = 6$
 $6 \times 2 + 3 = 15$
- $15 \times 3 + 5 = 50$
 $50 \times 4 + 7 = 207$
95. **Answer: (A)**
 The series follows the following pattern:
 $1^3 + 1 = 2$
 $2^3 + 2 = 10$
 $3^3 + 3 = 30$
 $4^3 + 4 = 68$
 $5^3 + 5 = 130$
 $6^3 + 6 = 222$
 Therefore, the next term will be $7^3 + 7 = 350$.
96. **Answer: (D)**
 Let the sum be P.
 A.T.Q.
 $P \left(1 + \frac{10}{100}\right)^2 - P - \frac{P \times 2 \times 10}{100} = 4200$
 $P = \text{Rs. } 4,20,000$
97. **Answer: (D)**
 Principal = Rs. 10000
 Rate of interest = 10% p.a.
 Number of years = 2
 Amount = $10000 \times 1.1 \times 1.1 = 12100$
 Interest = Rs. 2100
 Simple interest scheme:
 Interest = Rs. 2100, principal = Rs. 10000 and rate
 of interest = 10% p.a.
 $2100 = 10000 \times n \times \frac{10}{100}$
 $n = \frac{2100}{1000} = 2.1 \text{ years}$
98. **Answer: (B)**
 Let the MP = p
 Then, price after 30% discount = $0.7p$
 Price after successive discounts of 20% and 10% =
 $0.72p$
 Therefore, $0.02p = 144$
 $p = 7200$
99. **Answer: (A)**
 Total amount which McGrath gets after selling
 100 kg of rice = Rs. 1100
 Profit = Rs. 300
 CP of 100 kg = Rs. 1100 - Rs. 300 = Rs. 800
 CP of 1 kg = Rs. 8
 Now, apply the rule of alligation:
 $\frac{Q_a}{Q_b} = \frac{8-5}{10-8} = \frac{3}{2}$
100. **Answer: (E)**
 Let the number of cars with Jagan = x
 Number of cars with Rex = $(30 - x)$
 Price of Jagan's cars = y
 Price of Rex's cars = z
 A.T.Q.
 $xy = 30z - xz$
 $\Rightarrow$ According to the question,
 $xz = 32 \text{ lakh} \dots\dots\dots (1)$
 $(30 - x)y = 24.5 \text{ lakh} \dots\dots\dots (2)$
 Also, $xy = (30 - x)z$

or $xy = 30z - xz$ (3)
 From (2),
 $30y - xy = 24.5$ lakh (4)
 After solving the above equation, we get
 Price at which Rex sold each of his cars = Rs. 2.0 lakh

101. **Answer:** (C)

We have, CP of 6 articles = Rs. 5 (1)

And SP of 5 articles = Rs. 6 (2)

SP of 6 articles = Rs. 7.2 (3)

Thus, profit % = $\frac{SP - CP}{CP} \times 100 = 44\%$

102. **Answer:** (C)

$\frac{S_1}{100 + x_1} = \frac{S_2}{100 + x_2}$, where $S_1 = \text{Rs. } 240$,

$x_1 = -4\%$ and $x_2 = 10\%$

On solving, we get

$S_2 = \text{Rs. } 275$

103. **Answer:** (B)

First tap can fill the cistern in 2 hours.

Second tap can empty the cistern in 3 hours.

According to the question, time taken to fill the

cistern = $\frac{1}{\frac{1}{2} - \frac{1}{3}} = \frac{1}{\frac{1}{6}} = 6$ hours

104. **Answer:** (D)

Let 8 men do x work on the first day.

Total work done = $8(x + 2x + 3x + 4x + 5x + 6x + 7x + 8x + 9x + 10x) = 440x$

To do the same $440x$ work in 4 days, let n men be required.

So, $n(x + 2x + 3x + 4x) = 440x$

$\Rightarrow n = 44$

105. **Answer:** (D)

The time taken by the flight to fly from Chennai to Singapore is 3 hours.

(Actually, it is $12 - 6 = 6$ hours, according to local times, but Singapore is 3 hours ahead of Chennai).

So, to fly from Chennai to New Jersey, it takes $3 \times 4 = 12$ hours (because it is 4 times more distant).

So, the flight which starts at 9 a.m. in Chennai will reach New Jersey at 9 p.m. according to Chennai time.

But then, the local time will be 10 a.m. (since it is 11 hours behind).

106. **Answer:** (D)

If B takes ' d ' days to do a work, A will take

$\frac{d}{1.6}$ days.

$d - \frac{d}{1.6} = 9$

$\frac{1.6d - d}{1.6} = 9$

$\frac{0.6d}{1.6} = 9$

$$d = \frac{9 \times 1.6}{0.6} = 24$$

So, A and B can do the work in 15 and 24 days, respectively.

If they work together, it takes $\frac{1}{\frac{1}{15} + \frac{1}{24}} = \frac{120}{13} =$

$9\frac{3}{13}$ days.

107. **Answer:** (D)

500 soldiers can eat food for 10 days.

1 soldier can eat food for 5000 days.

200 soldiers can eat food for $\frac{5000}{200} = 25$ days.

108. **Answer:** (D)

Suppose the first pipe must be turned off after x hours so that the work is completed in 16 hours. Then,

$$x \times \left(\frac{1}{24} + \frac{1}{32} \right) + (16 - x) \left(\frac{1}{32} \right) = 1$$

$$\frac{7x}{96} + \frac{48 - 3x}{96} = 1$$

$$4x + 48 = 96$$

$$4x = 48$$

$$x = 12$$

109. **Answer:** (C)

$$\frac{21}{(X - Y)} + \frac{42}{(X + Y)} = 13$$

$$\text{Also, } \frac{36}{(X - Y)} + \frac{49}{(X + Y)} = 19$$

$$\frac{1}{X - Y} = p$$

$$\frac{1}{x + y} = q$$

$$21p + 42q = 13$$

$$36p + 49q = 19$$

$$42q = 13 - 21p$$

$$49q = 19 - 36p$$

$$\frac{6}{7} = \frac{13 - 21p}{19 - 36p}$$

$$6[19 - 36p] = 7[13 - 21p]$$

$$114 - 216p = 91 - 147p$$

$$114 - 91 = 216p - 147p$$

$$23 = 69p$$

$$p = \frac{1}{3}$$

$$21 \times \frac{1}{3} + 42q = 13$$

$$42q = 6$$

$$q = \frac{1}{7}$$

$$\frac{1}{x-y} = \frac{1}{3}$$

$$x - y = 3$$

and $\frac{1}{x+y} = \frac{1}{7}$

$$x + y = 7$$

$$x - y = 3$$

$$2x = 10$$

$$x = 5$$

$$y = 2$$

Option (C) satisfies both the equations.

110. **Answer:** (D)

Let X litres be taken from the first vessel. Then, (35 - X) litres are taken from the second vessel. In the first vessel, 8/11 of the mixture is spirit, while in the second vessel, 5/6 of the mixture is spirit.

The spirit in the 35 litre cask is $\frac{4}{5}$ th of the mixture.

$$\Rightarrow \frac{8X}{11} + \frac{5(35-X)}{6} = \frac{4}{5} \times 35$$

$$\Rightarrow X = 11$$

$\Rightarrow$ 11 litres of the mixture is taken from the first vessel.

111. **Answer:** (B)

$$x^2 + 5x + 6 = 0$$

$$x^2 + 3x + 2x + 6 = 0$$

$$x(x+3) + 2(x+3) = 0$$

$$(x+2)(x+3) = 0$$

$$x = -2, -3$$

$$y^2 + 7y + 12 = 0$$

$$y^2 + 3y + 4y + 12 = 0$$

$$y(y+3) + 3(y+4) = 0$$

$$(y+3)(y+4) = 0$$

$$y = -3, -4$$

So, $x \geq y$, i.e. x is greater than or equal to y.

112. **Answer:** (D)

$$x^2 - 3x - x + 3 = 0$$

$$x(x-3) - 1(x-3) = 0$$

$$(x-1)(x-3) = 0$$

$$x = 1, 3$$

$$y^2 - 7y + 12 = 0$$

$$y^2 - 3y - 4y + 12 = 0$$

$$y(y-3) - 4(y-3) = 0$$

$$(y-3)(y-4) = 0$$

$$y = 3, 4$$

113. **Answer:** (B)

$$x^2 - 1 = 0 \quad \dots\dots\dots (1)$$

$$y^2 + 4y + 3 = 0 \quad \dots\dots\dots (2)$$

$$x^2 = 1 \Rightarrow x = +1, -1$$

$$y^2 + 3y + y + 3 = 0$$

$$y(y+3) + 1(y+3) = 0$$

$$y = -1, y = -3$$

114. **Answer:** (D)

$$x^2 - 7x + 12 = 0$$

$$x^2 - 4x - 3x + 12 = 0$$

$$x(x-4) - 3(x-4) = 0$$

$$x = 3, 4$$

$$y^2 - 12y + 32 = 0$$

$$y^2 - 8y - 4y + 32 = 0$$

$$y(y-8) - 4(y-8) = 0$$

$$y = 4, 8$$

$$y \geq x$$

115. **Answer:** (A)

$$x^2 + 5x + 3x + 15 = 0$$

$$x(x+5) + 3(x+5) = 0$$

$$(x+3)(x+5) = 0$$

$$x = -3, -5$$

$$y^2 + 13y + 42 = 0$$

$$y^2 + 7y + 6y + 42 = 0$$

$$y(y+7) + 6(y+7) = 0$$

$$(y+6)(y+7) = 0$$

$$y = -6, -7$$

116. **Answer:** (B)

Average number of English and GK books sold by stores A, B and D together

$$= \text{Total}/3$$

$$= \frac{35400}{3} = 11,800$$

Total number of books sold by stores C, D and E = 10% + 15% + 25% of total sales

$$= 50\% \text{ of } 88,500$$

$$= 44,250$$

$$\text{Percentage} = \left(\frac{11800}{44250} \right) \times 100 = 26.67\%$$

117. **Answer:** (B)

Number of non-fiction books sold by

$$A = \left(\frac{5}{20} \right) \times 20\% \text{ of } 88500 = 4425$$

$$B = \left(\frac{7}{15} \right) \times 30\% \text{ of } 88500 = 12390$$

$$C = \left(\frac{8}{30} \right) \times 10\% \text{ of } 88500 = 2360$$

$$D = \left(\frac{6}{15} \right) \times 15\% \text{ of } 88500 = 5310$$

$$E = \left(\frac{8}{27} \right) \times 25\% \text{ of } 88500 = 6556 \text{ (approx.)}$$

From the above calculation, the answer is 2 stores.

118. **Answer:** (D)

Total business of C = Rs. 120,360

Total number of books sold by store C = 10% of 88500 = 8850

$$\text{Number of English books sold} = \left(\frac{15}{30} \right) \times 8850 =$$

$$4425 \text{ (Total cost} = 4425 \times \text{Rs. } 15.50 = \text{Rs. } 68587.5 \dots\dots (1)$$

Number of non-fiction books sold = $\left(\frac{8}{30}\right) \times 8850$
 = 2360 (Total cost = Unknown)..... (2)

Number of GK books = $\left(\frac{7}{30}\right) \times 8850 = 2065$

(Total cost = $2065 \times \text{Rs. } 12.50 = \text{Rs. } 25812.5$ (3)

Total cost of non-fiction books = Total business – (1) – (3)
 Rs. 120360 – Rs. 68587.5 – Rs. 25812.5 = Rs. 25960

(Total cost of non-fiction books/Number of non-fiction books) = Price per copy = $\frac{25960}{2360} = \text{Rs. } 11$

119. **Answer:** (A)

Price of English and Non-fiction books is increased by 10%.

Now, English book will cost Rs. 17.05, Non-fiction book will cost Rs. 12.1, and GK book will cost Rs. 12.5 (Unchanged).

Total business of C will be $(4425 \times 17.05 + 2360 \times 12.1 + 2065 \times 12.5)$
 = Rs. 129,814.75

120. **Answer:** (C)

Total number of Non-fiction and GK books sold

by store C = $88500 \times \left(\frac{10}{100}\right) \times \frac{15}{30} = 8850 \times$

$\frac{15}{30} = 4425$ (1)

Total number of Non-fiction and GK books sold

by store E = $88500 \times \left(\frac{25}{100}\right) \times \frac{18}{27} =$

14750..... (2)

Total number of Non-fiction and GK books sold by stores C and E together = (1) + (2) = 19175... (A)

Number of English and GK books sold by stores A, B and D

$A = 17700 \times \frac{15}{20} = 13275$

$B = 26550 \times \frac{8}{15} = 14160$

$D = 13275 \times \frac{9}{15} = 7965$

Total = $13275 + 14160 + 7965 = 35,400$

Difference between the number of English and GK books sold by stores A, B and D together and the number of Non-fiction and GK books sold by stores C and E = $35,400 - 19175 = 16,225$ (B)

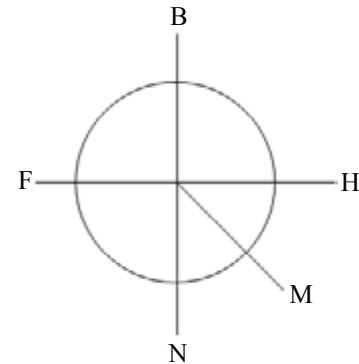
Percentage = $(B/A) \times 100 = \left(\frac{16,225}{19175}\right) \times 100 =$

85%

121. **Answer:** (E)

The seating arrangement is as shown.

This can be arrived at only if both statements are read and applied concurrently.



122. **Answer:** (E)

By using both the statements, we can determine that Arun's birthday is on Thursday.

123. **Answer:** (D)

P may have a son in addition to G whose reference is not given in the question.

124. **Answer:** (E)

Clearly the output is the sum of places of the letters of the word according to the alphabet

H	O	V	E	R						
↓	↓	↓	↓	↓						
8	+	15	+	22	+	5	+	18	=	68

Therefore,

S	T	A	R					
↓	↓	↓	↓					
19	+	20	+	1	+	18	=	58

Hence, it is the required answer.

125. **Answer:** (A)

Lora was facing North direction. Lita stood in opposite direction to her. Therefore, she is facing South direction.

Solution for Questions 126 – 130:

Input: 23 under 13 fall 7 jute 65 and 106 or 58 in apple 68 bench 73 hat 87

Step 1: 7 23 under 13 fall jute 65 106 or 58 in apple 68 bench 73 hat 87 and

Step 2: 7 13 23 under fall jute 65 106 or 58 in 68 bench 73 hat 87 apple and

Step 3: 7 13 23 58 under fall jute 65 106 or in 68 73 hat 87 bench apple and

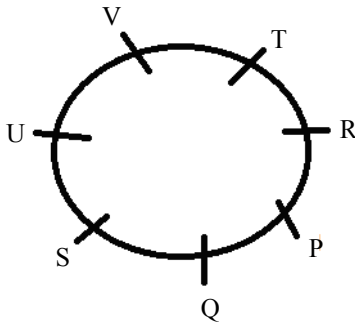
Step 4: 7 13 23 58 65 under jute 106 or in 68 73 hat 87 fall bench apple and

Step 5: 7 13 23 58 65 68 under jute 106 or in 73 87 hat fall bench apple and

Step 6: 7 13 23 58 65 68 73 under jute 106 or 87 in hat fall bench apple and
Step 7: 7 13 23 58 65 68 73 87 under 106 or jute in hat fall bench apple and
Step 8: 7 13 23 58 65 68 73 87 106 under or jute in hat fall bench apple and

126. **Answer:** (C)
 127. **Answer:** (A)
 128. **Answer:** (B)
 129. **Answer:** (C)
 130. **Answer:** (C)

Solution for Questions 131 – 135:



131. **Answer:** (A)
 132. **Answer:** (B)
 133. **Answer:** (A)
 134. **Answer:** (E)
 135. **Answer:** (D)

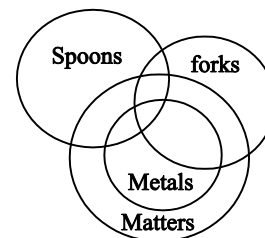
Solution for Questions 136 – 137:

Create – pa
 Important – ma/ra
 Question – ma/ra
 Impossible – sa
 Answerable – za

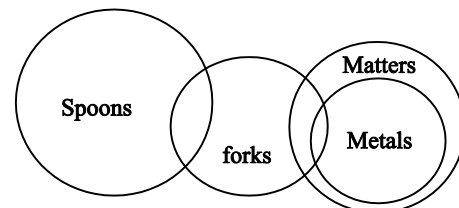
136. **Answer:** (E)
 137. **Answer:** (C)
 The code for 'Answerable question' is taken from the given information, i.e. za ma or za ra and the code for 'good' is not given, so we can take it 'la'. So, the most suitable option is (C).
 138. **Answer:** (D)
 RU, LN, LR, NR
 139. **Answer:** (E)
 As 'Tumbler' is 'Empty', so 'Seat' is 'Vacant'.
 140. **Answer:** (E)
 $P @ Q$ means Q is less than P.
 $R \$ Q$ means Q is greater than or equal to R.
 $Q © S$ means Q is equal to S.
 Following the above conditions, it is clear that $R \leq Q = S < P$.
 Hence, neither I nor II is true.
 141. **Answer:** (A)
 Statements:
 $R \$ S \Rightarrow S \geq R$

$S \# P \Rightarrow P > S$
 $P © X \Rightarrow P = X$
 Therefore,
 $R \leq S < P = X$
 Conclusions:
 $P @ R \Rightarrow R < P$
 $S © X \Rightarrow S = X$
 Therefore, only conclusion I is true.

142. **Answer:** (A)
 Given in the statements:
 $B \% A \Rightarrow A \leq B$
 $B \% C \Rightarrow C \leq B$
 $A @ C \Rightarrow C < A$
 Combining the three statements:
 $A \leq B \geq C < A$
 Therefore, conclusion I is correct.
 143. **Answer:** (E)
 Given in the statements:
 $Q \% P \Rightarrow P \leq Q$
 $M \# P \Rightarrow P > M$
 $R @ M \Rightarrow M < R$
 Conclusion I states that $M \# Q \Rightarrow Q > M$
 Therefore, it is correct.
 Conclusion II states that:
 $R @ Q \Rightarrow R > Q$
 This is not suggested by any of the statements.
 144. **Answer:** (C)
 Given in the statements:
 $X \$ Y \Rightarrow Y \geq X$
 $Y \# Z \Rightarrow Z > Y$
 $A @ Z \Rightarrow Z < A$
 $\Rightarrow A > Z > Y \geq X$.
 Conclusion I states that $Y \% X \Rightarrow X \leq Y$, which is correct.
 Conclusion II states that $X \# A \Rightarrow A > X$, which is correct.
 145. **Answer:** (C)

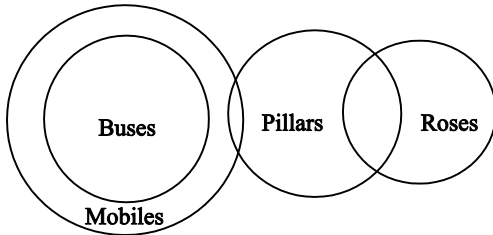


Or



Therefore, only I and III follow.

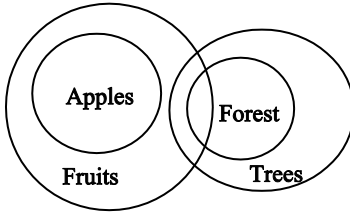
146. **Answer:** (E)



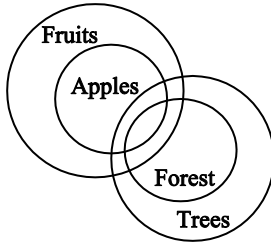
Therefore, none of the conclusions follows.

147. **Answer:** (C)

Justification:



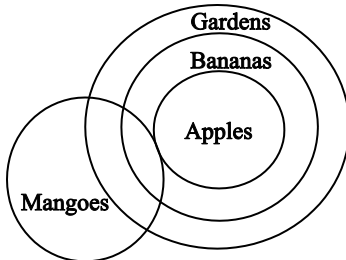
Or



Therefore, it is clear that only III follows. Hence, it is the correct option.

148. **Answer:** (B)

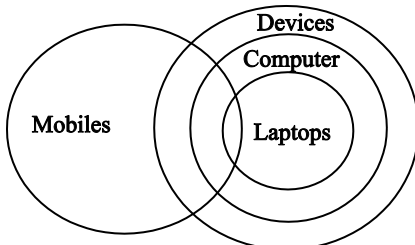
Justification:



Therefore, only I and III follow. Hence, it is the correct answer.

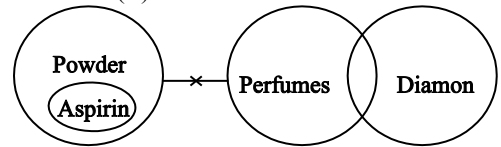
149. **Answer:** (C)

Justification:

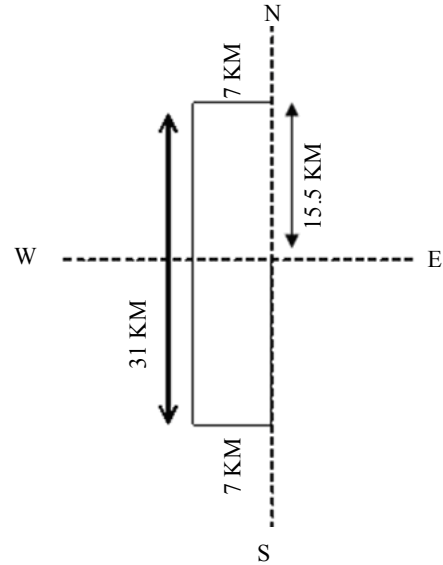


Here, both I and II follow.

150. **Answer:** (E)



151. **Answer:** (B)



152. **Answer:** (D)

Fuel price can hike due to the increase in price of crude oil in market. Fare cut may be a cause of decrease in number of flyers on various sectors or due to increase in competition.

153. **Answer:** (C)

$V > Q > R$

$T > R$ and $S > V$

Now, $S > V > Q > R$

154. **Answer:** (E)

R is at the 22nd position from the left end.

155. **Answer:** (A)

Father of Radha's uncle will be her grandfather. Daughter of her grandfather will be her mother. Son of her mother will be her brother. Therefore, (A) is the correct option.

Solution for Questions 156 – 160:

We interpret from the above instructions as:

A	B	C	D	E
Teacher	Engineer	Doctor	Lawyer	Contractor
India	Russia or Pakistan	England	Russia or Pakistan	America

156. **Answer:** (B)
From the above solution, C is a doctor and lives in England.
157. **Answer:** (D)
C is a doctor.
158. **Answer:** (B)
Clearly, from the above solution, E is a contractor.
159. **Answer:** (C)
Russia or Pakistan
160. **Answer:** (D)
We can see from the above solution that the country of neither B nor D is confirmed, and they either live in Russia or Pakistan.
161. **Answer:** (D)
'Find' option is available under Edit menu.
162. **Answer:** (A)
163. **Answer:** (D)
164. **Answer:** (D)
165. **Answer:** (C)
A file extension cannot be established by the user to indicate the contents of the file.
166. **Answer:** (D)
167. **Answer:** (C)
 $1 \text{ GB} = 1024 \text{ MB} = 1024 \times 1024 \text{ kB}$
168. **Answer:** (B)
169. **Answer:** (E)
Hexadecimal number system uses base of 16.
170. **Answer:** (A)
Server is a computer with internet connection that provides services to clients and controls access to various resources within the network.
171. **Answer:** (B)
172. **Answer:** (D)
171. **Answer:** (B)
172. **Answer:** (D)
173. **Answer:** (E)
174. **Answer:** (B)
175. **Answer:** (B)
176. **Answer:** (D)
177. **Answer:** (C)
178. **Answer:** (C)
179. **Answer:** (C)
180. **Answer:** (C)
181. **Answer:** (B)
182. **Answer:** (A)
183. **Answer:** (D)
184. **Answer:** (E)
185. **Answer:** (E)
186. **Answer:** (B)
187. **Answer:** (C)
188. **Answer:** (D)
189. **Answer:** (A)
190. **Answer:** (D)
191. **Answer:** (C)
192. **Answer:** (C)
193. **Answer:** (D)
194. **Answer:** (A)
195. **Answer:** (B)
196. **Answer:** (E)
197. **Answer:** (D)
198. **Answer:** (D)
199. **Answer:** (A)
200. **Answer:** (C)

IBPS Clerical (Mains) Mock Test – 3

1. (D)	2. (C)	3. (C)	4. (D)	5. (A)	6. (A)	7. (A)	8. (D)
9. (B)	10. (B)	11. (B)	12. (B)	13. (C)	14. (E)	15. (C)	16. (A)
17. (C)	18. (B)	19. (A)	20. (D)	21. (C)	22. (B)	23. (D)	24. (B)
25. (D)	26. (C)	27. (A)	28. (C)	29. (D)	30. (C)	31. (A)	32. (B)
33. (D)	34. (B)	35. (D)	36. (E)	37. (B)	38. (D)	39. (A)	40. (B)
41. (C)	42. (E)	43. (C)	44. (B)	45. (A)	46. (D)	47. (B)	48. (E)
49. (B)	50. (E)	51. (C)	52. (A)	53. (B)	54. (C)	55. (C)	56. (C)
57. (A)	58. (D)	59. (C)	60. (B)	61. (C)	62. (C)	63. (E)	64. (E)
65. (B)	66. (B)	67. (E)	68. (D)	69. (E)	70. (A)	71. (A)	72. (A)
73. (D)	74. (E)	75. (A)	76. (B)	77. (C)	78. (D)	79. (A)	80. (B)
81. (D)	82. (A)	83. (B)	84. (C)	85. (A)	86. (E)	87. (C)	88. (A)
89. (E)	90. (A)	91. (A)	92. (A)	93. (A)	94. (A)	95. (A)	96. (A)
97. (A)	98. (B)	99. (B)	100. (C)	101. (D)	102. (A)	103. (C)	104. (D)
105. (B)	106. (A)	107. (A)	108. (E)	109. (C)	110. (D)	111. (E)	112. (C)
113. (E)	114. (C)	115. (E)	116. (C)	117. (D)	118. (2)	119. (C)	120. (A)
121. (A)	122. (A)	123. (A)	124. (A)	125. (D)	126. (D)	127. (B)	128. (B)
129. (C)	130. (B)	131. (D)	132. (C)	133. (D)	134. (B)	135. (E)	136. (A)
137. (B)	138. (A)	139. (A)	140. (B)	141. (C)	142. (E)	143. (B)	144. (A)
145. (C)	146. (C)	147. (E)	148. (A)	149. (E)	150. (A)	151. (D)	152. (C)
153. (A)	154. (B)	155. (D)	156. (E)	157. (A)	158. (C)	159. (A)	160. (D)
161. (C)	162. (C)	163. (A)	164. (A)	165. (D)	166. (C)	167. (D)	168. (E)
169. (A)	170. (C)	171. (C)	172. (A)	173. (C)	174. (A)	175. (D)	176. (B)
177. (A)	178. (B)	179. (D)	180. (D)	181. (D)	182. (E)	183. (D)	184. (B)
185. (D)	186. (D)	187. (B)	188. (C)	189. (E)	190. (C)	191. (C)	192. (A)
193. (A)	194. (B)	195. (C)	196. (C)	197. (D)	198. (A)	199. (E)	200. (A)

1. **Answer:** (D)
2. **Answer:** (C)
3. **Answer:** (C)
4. **Answer:** (D)
5. **Answer:** (A)
6. **Answer:** (A)
7. **Answer:** (A)
8. **Answer:** (D)
Foreign Trade Policy is framed by Ministry of Commerce (GOI).
9. **Answer:** (B)
10. **Answer:** (B)
SMART money is a term used for credit cards.
11. **Answer:** (A)
Human Development Report is released by UNDP (United Nations Development Programme).
12. **Answer:** (B)
The Electronic Banking Internet Communication Standard (EBICS) is a transmission protocol for banking information for usage by banking clients.
13. **Answer:** (C)
14. **Answer:** (E)
15. **Answer:** (C)
16. **Answer:** (A)
New India Assurance Company
17. **Answer:** (C)
18. **Answer:** (B)
19. **Answer:** (A)
At the first point of customer interaction

20. **Answer:** (D)
All of the given statements are wrong.
21. **Answer:** (C)
22. **Answer:** (B)
23. **Answer:** (D)
Education loans can be more effectively canvassed by tie-up with colleges. A student loan is designed to help students pay for university tuition, books and living expenses. It may differ from other types of loans in that the interest rate may be substantially lower and the repayment schedule may be deferred while the student is still in school. It also differs in many countries in the strict laws regulating renegotiating and bankruptcy.
24. **Answer:** (B)
25. **Answer:** (D)
26. **Answer:** (C)
27. **Answer:** (A)
28. **Answer:** (C)
29. **Answer:** (D)
30. **Answer:** (C)
31. **Answer:** (A)
32. **Answer:** (B)
33. **Answer:** (D)
34. **Answer:** (B)
35. **Answer:** (D)
36. **Answer:** (E)
37. **Answer:** (B)
38. **Answer:** (D)

39. **Answer:** (A)
 40. **Answer:** (B)
 41. **Answer:** (C)
 It is explained that 'The inner knowledge of all Tirthankaras is perfect and identical in every respect, for the teachings of the Tirthankaras are not opposing amongst themselves.'
42. **Answer:** (E)
 'A Tirthankara is an individual who destroys attachment with all the earthly things and relations, he frees himself absolutely from ignorance, he repays all his previous and this birth's dues of karmas...'
43. **Answer:** (C)
 44. **Answer:** (B)
 'They have attained all the achievement of ultimate nature including the ultimate knowledge after making vigorous efforts' and 'their principles are for betterment and welfare of others. Their path is to provide fearless life, non-violence and to distribute love and friendship.'
45. **Answer:** (A)
 The passage gives a description of the idea of a Tirthankara in Jainism. Hence, the tone is descriptive.
46. **Answer:** (D)
 'Jainism states time has no beginning or end. It moves like the wheel of a cart. There have been an infinite number of time cycles before our present era and there will be an infinite number of time cycles after this age.'
47. **Answer:** (B)
 Omniscient refers to someone who knows and sees everything; hence, ignorant would be the most suitable option here.
48. **Answer:** (E)
 Materialistic refers to something overtly concerned with wealth and things of the world; hence, worldly would be the most suitable option here.
49. **Answer:** (B)
 Vigorous refers to something which is associated with a certain degree of strength; hence, feeble would be the most suitable option here.
50. **Answer:** (E)
 Equanimity refers to being calm and composed in any situation; hence, calmness would be the most suitable option here.
 Quietness could refer to the silent atmosphere, but calmness refers to mental peace.
51. **Answer:** (C)
 There is an error of subject-verb agreement. Since the subject is plural (kingpin and two associates), 'were' will be used here.
52. **Answer:** (A)
 Since the subject (10,000 litres of water) is singular, 'was' will be used.
53. **Answer:** (B)
 'Strength in numbers' is an idiomatic expression to mean an emotional and moral strength drawn from a group of people.
54. **Answer:** (C)
 'Charge' should be used in place of 'charges'. The subject is 'companies', which is plural. So, the verb should be plural too.
55. **Answer:** (C)
 'Off' should be used in place of 'of'. Here, it means to discourage people from not choosing the cheaper option.
56. **Answer:** (C)
 Here, only **scores** fits with 'every subject'.
57. **Answer:** (A)
Area refers to a subject or range of activity or interest. So, it is the correct option.
58. **Answer:** (D)
 Only minority fits with poor in this context as the sentence is talking about the neglect of poor and minorities in studies.
59. **Answer:** (C)
 Here, the sentence tells about the surveys. So, only unmasked, which means to reveal as being false, fits here.
60. **Answer:** (B)
 Only **publicized** fits grammatically and logically with 'widely' here.
61. **Answer:** (C)
 The sentence presents a conclusion drawn from a survey. So, option 3 is the correct answer.
62. **Answer:** (C)
 Principles, rules, policies and philosophies can be bent or broken, but not lowered. Only 'standards' fits here.
63. **Answer:** (E)
 The sentence talks about a belief of the people. We use pronoun 'who' to refer to people.
64. **Answer:** (E)
 'Make a difference' is the correct phrase here. It means to have a significant effect on a person or situation.
65. **Answer:** (B)
 The sentence talks about teachers and teaching. So, academic (relating to education) is the correct answer.

Solution for Questions 66 –70:

- 2 introduces 'climate control'. 4 follows as 'safety considerations' follow 'comfort and health'. 5 presents an example for the assertion made in 4. 6 continues the argument in 5 and introduces 'airliners'. 1 follows it. 'The low humidity' in 3 refers to 'low internal relative humidity' in 1. Thus, the correct sequence is 245613.
66. **Answer:** (B)
 67. **Answer:** (E)
 68. **Answer:** (D)
 69. **Answer:** (E)
 70. **Answer:** (A)
 71. **Answer:** (A)
 'One of the nice things' is correct. It means there are many nice things about being a central bank governor, but one of them is this.

72. **Answer: (A)**
There is an error of double negatives. Both 'can't' and 'barely' are negative words. 'I can barely see where' is the correct answer.
73. **Answer: (D)**
There is an error of parallel structure. 'Challenging' and 'interesting' should be followed by 'exciting' instead of 'excites me'.
74. **Answer: (E)**
There is no error in the given sentence.
75. **Answer: (A)**
Quite a lot. Article 'a' is missing that makes clear that we are referring to many students.
76. **Answer: (B)**
Only stripped conveys the sense of being deprived of power and demoted is the only word that fits to mean that he was moved down the power hierarchy.
77. **Answer: (C)**
Celebrated is the only word in the options that conveys the sense of the event being a special day to mark support for environmental protection. Demonstrate is the only word that means that events are held to show support for environmental protection.
78. **Answer: (D)**
Resented is the only grammatically correct usage here that conveys the sense of being displeased and referring is the only word that fits to produce a coherent sentence.
79. **Answer: (A)**
Admired and endured are only grammatically correct usages that fit together to convey the sense that most of Sappho's poetry that was appreciated during antiquity has been lost, but her reputation has survived through whatever remains.
80. **Answer: (B)**
Any of the words can fit in the second blank, but only narrated fits in the first blank to make a logical and grammatically correct sentence.
81. **Answer: (D)**
 $\frac{340}{20} \div \frac{30}{510} \times \frac{180}{60} = 17 \times 17 \times 3 = 867$
So, approximate answer is 870.
82. **Answer: (A)**
 $1299 \div 19.99 \times 25.01 + 400.01 = 2025.222$
Hence, option (A) is correct.
83. **Answer: (B)**
 $(827 + 328 - 563) \div (712 - 41 \times 11) = ?$
 $592 \div 261 = ?$
 $? = 2.268$
 $? = 2$
84. **Answer: (C)**
 $6\sqrt{2} + 16.05975 = ?$ of 196.35
 $6 \times 1.414 + 16.05975 = ? \times 196.35$
 $8.484 + 16.05975 = ? \times 196.35$
 $24.54375 = ? \times 196.35$
 $? = \frac{1}{8}$
85. **Answer: (A)**
 $\frac{670.456}{12.624} \times 5.674 = ?$
 $53.11 \times 5.674 = ?$
 $? = 301.34$
 $? = 301$
86. **Answer: (E)**
 $\sqrt{15^2 \times \frac{12}{9} - 125 + 21}$
 $= \sqrt{321 - 125}$
 $= \sqrt{196} = 14$
87. **Answer: (C)**
 $\frac{1}{6} \times \frac{92}{100} \times \frac{24}{23} \times 650 = 104$
 $104 - 87 = 17$
88. **Answer: (A)**
 $(?)^2 = \frac{126}{14} \times 9 \times 9 - 53$
 $(?)^2 = 9 \times 9 \times 9 - 53$
 $(?)^2 = 729 - 53$
 $(?)^2 = 676$
 $(?)^2 = (26)^2$
 $? = 26$
89. **Answer: (E)**
 $1\frac{3}{4} + 1\frac{7}{8} - 1\frac{5}{6} =$
 $\frac{7}{4} - \frac{15}{8} - \frac{11}{6} = \frac{42 + 45 - 44}{24} = \frac{43}{24} = 1\frac{19}{24}$
90. **Answer: (A)**
 $\frac{10 \div 3 \times 27 \div 9}{22.5 \div 7.5 \times 5 \div 4}$
 $\frac{\frac{10}{3} \times \frac{27}{9}}{\frac{22.5}{7.5} \times \frac{5}{4}} = \frac{10}{3 \times \frac{5}{4}} = \frac{40}{15} = 2.6$
91. **Answer: (A)**
The sequence is + 2, - 5, + 2, - 5, etc. The missing number is $14 - 5 = 9$.
92. **Answer: (A)**
The sequence consists of two series 4, 8, 12, 16 and 3, 6, 9.
93. **Answer: (A)**
The series follows the following pattern:
 $2 \times 2 + 1 = 5$
 $5 \times 2 + 2 = 12$
 $12 \times 2 + 3 = 27$
 $27 \times 2 + 4 = 58$
 $58 \times 2 + 5 = 121$
 $121 \times 2 + 6 = 248$
94. **Answer: (A)**
 $5 \times 1 + 1 = 6$
 $6 \times 2 + 3 = 15$
 $15 \times 3 + 5 = 50$
 $50 \times 4 + 7 = 207$

95. **Answer: (A)**
The series follows the following pattern:
 $1^3 - 1 = 0$
 $2^3 - 2 = 6$
 $3^3 - 3 = 24$
 $4^3 - 4 = 60$
 $5^3 - 5 = 120$
 $6^3 - 6 = 210$
Therefore, the next term will be $7^3 - 7 = 336$.
96. **Answer: (A)**

$$\frac{P \times 4 \times 4}{100} - P \left[\left(1 + \frac{5}{100} \right)^3 - 1 \right] = 228$$

$$\Rightarrow P \left[\frac{4}{25} - \frac{9261}{8000} + 1 \right] = 228$$

$$\Rightarrow P \left(\frac{8000 + 1280 - 9261}{8000} \right) = 228$$

$$\Rightarrow P \left(\frac{19}{8000} \right) = 228$$

$$P = \text{Rs. } 96,000$$
97. **Answer: (A)**

$$CI = P \left(1 + \frac{R}{100} \right)^3 - P$$

$$= P \left(1 + \frac{5}{100} \right)^3 - P$$

$$= \frac{1261}{8000} P$$

$$SI = \frac{3 \times P \times 5}{100} = \frac{3P}{20} = \frac{1200P}{8000}$$

$$CI - SI = \frac{61P}{8000} = 12.20$$

$$P = \text{Rs. } 1600$$
98. **Answer: (B)**
Amount in 3 years = Rs. 5900
Amount in 8 years = Rs. 7400
Hence, interest for 5 years = $7400 - 5900 = 1500$
Interest for 3 years = $\frac{1500}{5} \times 3 = 900$
 $\therefore$ Sum = $5900 - 900 = 5000$
Rate = $\frac{900 \times 100}{5000 \times 3} = 6\%$
Now, amount = Rs. 8000
 $\therefore$ Interest = $8000 - 5000 = 3000$
 $\therefore$ Time = $\frac{3000 \times 100}{5000 \times 6} = 10$ years
99. **Answer: (B)**
Total cost price of both the horses = Rs. 60,000
1st case:
Net profit = 20% for Rs. 30,000
Net loss = 10% for Rs. 30,000
For Rs. 60,000, net profit = $6000 - 3000 = 3000$
Overall 5% profit.

2nd case:

$$\text{Total profit} = 25\% \text{ of } 30000 - 21\% \text{ of } 30000$$

$$= 7500 - 6300 = 1200$$

A.T.Q.

$$\left(\frac{3000 - 1200}{3000} \right) \times 100 = 60\% \text{ decrease}$$

100. **Answer: (C)**
From the question and the given conditions, we can conclude that in 4 days, B can do the same amount of work that A can do in 6 days.
So, if A needs 24 days, B can do it in 16 days.
101. **Answer: (D)**
Shopkeeper's investment = $100 \times 50 = 5000$
If he wants to get 20% profit, he has to earn Rs. 6000 on 90 watches.
So, the cost of each watch is $\frac{6000}{90} = \text{Rs. } 66.66$.
102. **Answer: (A)**
Pipe A can fill the tank in 15 hours.
Pipe B can fill the tank in 20 hours.
According to the question, Both A and B can fill the tank in $\frac{1}{\frac{1}{15} + \frac{1}{20}} = \frac{20 \times 15}{35} = \frac{60}{7} = 8\frac{4}{7}$ hours.
103. **Answer: (C)**
Suppose X kg are taken from A. Then, $(9 - X)$ kg are taken from B.
 $\Rightarrow \frac{5}{8}$ of the mixture in A and $\frac{7}{10}$ of the mixture in B is coffee.
 $\Rightarrow \frac{5X}{8} + \frac{7}{10} (9 - X) = 6$
On solving, we get
 $x = 4$
 $\Rightarrow$ 4 kg must be taken from A and 5 kg must be taken from B.
104. **Answer: (D)**
Assume that A alone can do the work in 'd' days. So, B can do it in 2d days and C can do it in 3d days.
A and B together can do it in $\frac{1}{\frac{1}{d} + \frac{1}{2d}} = \frac{2d}{3}$ days. A and C together can do it in $\frac{1}{\frac{1}{d} + \frac{1}{3d}} = \frac{3d}{4}$ days.
 $\frac{2d}{3} = \frac{3d}{4} - 5$
Therefore, $d = 60$ days
Number of days = $\frac{1}{\frac{1}{60} + \frac{1}{120} + \frac{1}{180}} = \frac{360}{11}$ days
 $= 32\frac{8}{11}$ days

105. **Answer:** (B)

If B got x, A got $\frac{3}{2}x$.

$$\therefore \frac{3}{2}x + x + (x - 150) = 900$$

$$\Rightarrow x = \text{Rs. } 300$$

They will get Rs. 450, Rs. 300 and Rs. 150, respectively.

Since C got half the amount of money that B got, so he needs $2 \times 30 = 60$ days to complete the work.

$$\text{Answer} = \frac{1}{\frac{1}{20} + \frac{1}{30} + \frac{1}{60}} = 10 \text{ days}$$

106. **Answer:** (A)

$$A : B : C = d : (d - 12) : (d - 18)$$

$$B : C = d : (d - 8)$$

Taking the ratio of B and C, we can calculate the

$$\text{length (d) of the track, } \frac{d-12}{d-18} = \frac{d}{d-8} \Rightarrow d = 48$$

metres

107. **Answer:** (A)

Given: 5 men or 9 women (5M = 9W) can do the job in 19 days.

$$3M = \left(\frac{27}{5}\right)W$$

$$\text{Hence, 3 men and 6 women} = \left(\frac{27}{5} + 6\right) = \frac{57}{5}$$

women

Time taken by 9 women = 19 days

Time taken by 1 woman = 19×9 days

$$\text{Time taken by } \frac{57}{5} \text{ women} = \frac{19 \times 9}{\frac{57}{5}} = 15 \text{ days}$$

108. **Answer:** (E)

Let the speed of the boat be 'X' kmph and that of the current be 'Y' kmph. We know, Speed =

$$\frac{\text{distance}}{\text{time}}$$

$$(X + Y) = 8 \div \left(\frac{2}{3}\right) = 12 \text{ kmph}$$

$$\text{And } (X - Y) = 8 \div 1 = 8 \text{ kmph}$$

Solving, we get

$$X = 10 \text{ kmph}$$

$$\text{And } Y = 2 \text{ kmph}$$

109. **Answer:** (C)

Let the rate of flow of the river be x km/hr.

$$\frac{91}{10-x} + \frac{91}{10+x} = 20$$

$$\frac{91 \times 20}{100 - x^2} = 20$$

$$x = 3 \text{ km/hr}$$

110. **Answer:** (D)

A gets 50% more money $\Rightarrow$ A is 50% more efficient than B. If B can do 'x' work in a day, A will do 1.5x in a day.

$$\text{So, } 1.5x + x = \frac{1}{24} \Rightarrow x = \frac{1}{60}$$

It means, B can do $\frac{1}{60}$ th of the work in one day.

So, B will take 60 days to complete the work.

111. **Answer:** (E)

$$\text{Price of 1 kg cake} = 0.9 \times 40 + 30$$

$$= 36 + 30$$

$$= \text{Rs. } 66$$

$$\text{Price of two 1 kg cakes} = 2 \times 66 = \text{Rs. } 132$$

$$\text{Price of 5 kg cake} = 4.75 \times 40 + 300 \times \frac{1}{4}$$

$$= 190 + 75$$

$$= \text{Rs. } 265$$

$$\text{Total cost} = \text{Rs. } 132 + \text{Rs. } 265$$

$$= \text{Rs. } 397$$

112. **Answer:** (C)

$$\text{Cost of manufacturing of 1 cake} = \text{Rs. } 36 \text{ (flour)}$$

$$+ \text{Rs. } 30 \text{ (cream)} = \text{Rs. } 66$$

$$\text{For 2 cakes, cost of manufacturing} = 2 \times 66 = \text{Rs. } 132$$

$$\text{Selling price} = \text{Rs. } 161$$

$$\text{Profit} = 161 - 132 = \text{Rs. } 29$$

$$\text{Profit \%} = \frac{29}{132} \times 100 = 21.96\%$$

113. **Answer:** (E)

$$\text{Cost of 1 kg cake made by using flour B} = 30 \times 0.9 + 30 = \text{Rs. } 57$$

$$\therefore \text{Cost of 3 such cakes} = 3 \times 57 = \text{Rs. } 171$$

$$\text{Cost of cake of 5 kg made by using flour B}$$

$$= 4.75 \times 30 + 75$$

$$= 142.5 + 75$$

$$= \text{Rs. } 217.5$$

$$\text{Cost of 2 such cakes} = \text{Rs. } 435$$

$$\therefore \text{Cost of 3 cakes of 1 kg and 2 cakes of 5 kg}$$

$$= 435 + 171 = \text{Rs. } 606$$

$$\text{Total cost for Mukesh} = \text{Rs. } 720$$

$$\therefore \text{Cost of cookies} = 720 - 606 = \text{Rs. } 114$$

$$\text{Cost of 2 kg of cookies} = \text{Rs. } 60$$

$$\text{Cost of 1 kg of cookies} = \text{Rs. } 30$$

$$\therefore \text{Total weight of cookies} = \frac{114}{30} = 3.8 \text{ kg}$$

$$\therefore \text{In 1 kg, number of cookies} = \frac{1500}{2} = 750$$

$$\therefore \text{In 3.8 kg, number of cookies} = 3.8 \times 750 = 2850$$

114. **Answer:** (C)

$$\text{Initial cost of 1 kg of cake} = \text{Rs. } 36 + \text{Rs. } 30 = \text{Rs. } 66$$

$$\text{Increase} = \text{Rs. } 5 \text{ per kg, i.e. Rs. } 4.5 \text{ per kg}$$

$$\% \text{ increase} = \frac{4.5}{66} \times 100 = 6.81\%$$

115. **Answer:** (E)

Cost of 5 pastries = weight of flour required
 $= 5 \times 200 = 1000 \text{ gm}$
 $= 1 \text{ kg}$

$\therefore$ Cost of flour = Rs. 30

Weight of cream required = $5 \times 10 = 50 \text{ gm}$

Cost of cream = Rs. 15

$\therefore$ Cost of 5 pastries = $30 + 15 = \text{Rs. } 45$

Cost of 1 kg cake = Rs. 27 (900 gm flour) +
 Rs. 30 (cream)
 $= \text{Rs. } 57$

$$\text{Ratio} = \frac{45}{57} = \frac{15}{19}$$

116. **Answer:** (C)

Number of Videocon ACs sold = 2.6 % of 155000

$$= 2.6 \times 1550 = 4030$$

Number of Amrtex ACs sold = 2.6 % of 155000
 $= 4030$

Number of Blue Star ACs sold = 2.9% of 155000
 $= 4495$

Their total = $4495 + 4030 + 4030 = 12555$

Number of Carrier Aircon ACs sold = 7.7% of 155000 = 11935

Sale of Carrier ACs less than Amtrex, Blue Star and Videocon together = $12555 - 11935 = 620$

117. **Answer:** (D)

By the method of weighted averages, approximate average price of the room air conditioner = $0.71 \times 21,275 + 0.29 \times 28,295 = \text{Rs. } 23,310$

118. **Answer:** (B)

Market share of Carrier Aircon in 1998–1999 =
 $\frac{7.7}{1.1}$

Total market share in 1998–99 = $\frac{100}{1.07}$

Share of Carrier Aircon in 1998 = $7.7 \times \frac{100}{110} = 7$

Market in 1998 = $\frac{100 \times 100}{107}$

Market % share = $\frac{7 \times 107}{100 \times 100}$
 $= 7.49\%$

119. **Answer:** (C)

Actual sales of small scale sector = 71×0.95

Actual volume of sales = (Original volume) –
 (Duplicate share) = $100 - 71 \times 0.05 = 100 - 3.55$

Hence, the required **answer** would be

$$\frac{71 \times 0.95}{100 - 3.55} \times 100 = 69.9\%$$

120. **Answer:** (A)

Share of Blue Star = $\frac{2.9}{100} \times 155000 = 4495$

Share of Blue Star in 2000–2001 = $4495 + 505$
 $= 5000$

Total market size in 2000 – 2001 = 155000×1.06

Hence, required answer = $\left(\frac{5000}{155000} \times 1.06 \right) =$

3.42%

Solution for Questions 121 – 125:

Colours: Grey, blue, red, yellow, green and tan (Gr, B, R, Y, G, T)

Rooms: 201, 203, 205, 207, 209

Rules:

I. No more than 3 doors can be painted with the same colour.

II. $R \leq 1$ door.

III. If 201 = R, no door is yellow.

IV. If door number with blue paint > door number with green paint, then exactly two doors are painted blue.

V. Door 209 = Green.

121. **Answer:** (A)

Answer (A) is correct because option (B) violates rule IV, option (C) violates rule II and option (D) violates rule I.

122. **Answer:** (A)

Answer (A) is correct because if 201 is green, then door number painted blue will be more than 201 (painted green, then according to rule IV, there must be exactly two blue doors, but there are three blue doors).

123. **Answer:** (A)

124. **Answer:** (A)

125. **Answer:** (D)

All the options are possible, except option (D), because it violates rule IV.

126. **Answer:** (D)

On arranging the letters of 'PROJECTING' according to the given conditions, we get

E	I	O	C	G	J
N	P	R	T		

In this rearrangement, the fifth letter from the left is 'G'.

127. **Answer:** (B)

For every letter in the word, write next two letters in the alphabetical order to get the code.

G → HI

O → PQ

A → BC

T → UV

The answer is HIPQBCUV.

128. **Answer:** (B)

A	R	U	L
1	18	21	12

Here, $A + R + U + L = 52$

So, BINA is coded as $2 + 9 + 14 + 1 = 26$.

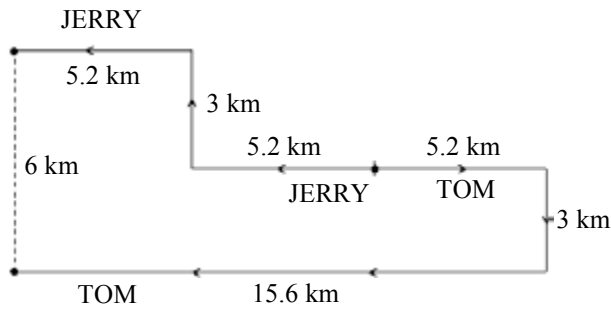
129. **Answer:** (D)

R, E, N

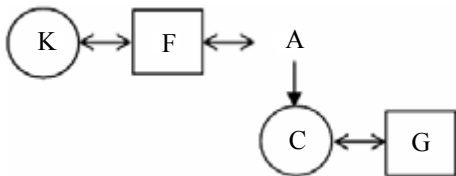
130. **Answer:** (B)

2nd letter precedes 1st letter in the alphabetical order.

131. **Answer:** (D)



132. **Answer:** (C)



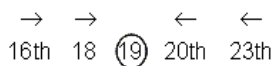
F is the uncle of G.

133. **Answer:** (D)

Observing I, II and III, we find that similar letters have similar code symbols at the corresponding places in that code. So, this is direct coding. Thus, to find the code for DATE, we need the code for D, which can be obtained from only I and the codes for A, T and E can be obtained from either II or III.

134. **Answer:** (B)

A.T.Q.



135. **Answer:** (E)

The correct option is (E) as no evenings are nights and all days can be noon.

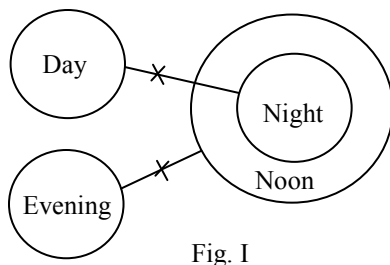


Fig. I

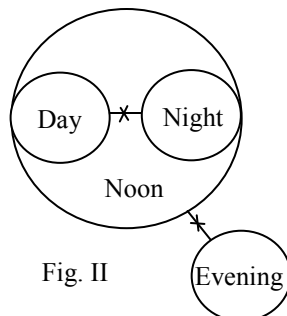


Fig. II

136. **Answer:** (A)

Option (A) is correct because from figure (ii), the circles of brats, craps and villas can coincide and thus, all craps can be villas holds true. Therefore, conclusion (i) is true, but conclusion (ii) is false as from figure (iii), all folds can also be craps.

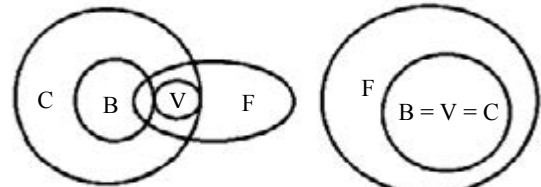


Fig i

Fig ii

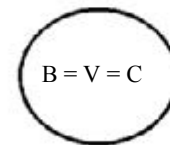


Fig iii

137. **Answer:** (B)

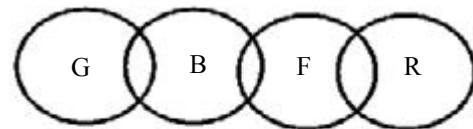
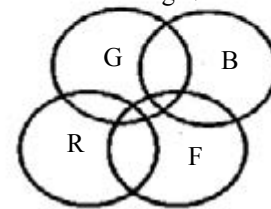


Fig iv



138. **Answer:** (A)

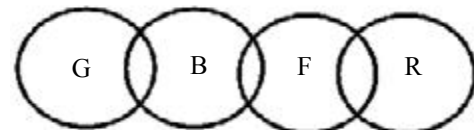
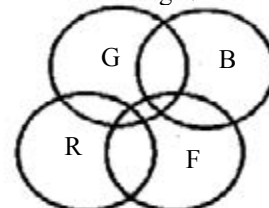
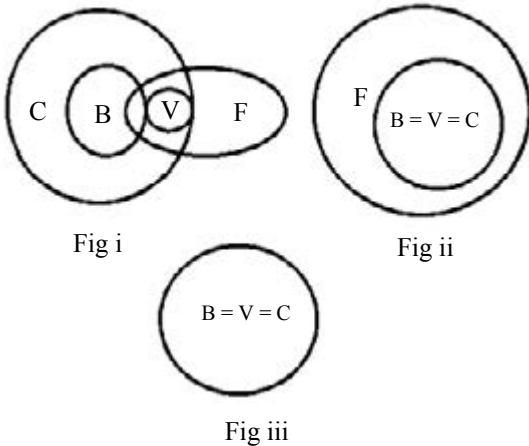


Fig iv



139. **Answer:** (A)



Solution for Questions 140 – 144:

The final arrangement will be: E, K, A, J, B, I, G, C, H, D, F.

140. **Answer:** (B)

There are seven persons who are sitting between E and H. B is sitting midway between them.

141. **Answer:** (C)

There are seven persons who are sitting between E and H. B is sitting midway between them.

H is not an immediate neighbour of D and F

142. **Answer:** (E)

To get the final arrangement, we require all the statements.

143. **Answer:** (B)

F is at the extreme end.

144. **Answer:** (A)

A, J and B are to the left of I.

Solution for Questions 145 – 149:

There are two shifts in each step.

Firstly, the pattern includes increasing order of numbers with decreasing order of letters.

Secondly, the pattern is decreasing order of numbers with increasing order of letters.

Alternately, we have to arrange these patterns in the following steps:

Step 1: 4 zip 70 10 plander 150 plank 32 sit 65 ton 25 can arouse 43 more 83 height

Step 2: 4 150 zip arouse 70 10 plander plank 32 sit 65 ton 25 can 43 more 83 height

Step 3: 4 150 10 zip arouse ton 70 plander plank 32 sit 65 25 can 43 more 83 height

Step 4: 4 150 10 83 zip arouse ton can 70 plander plank 32 sit 65 25 43 more height

Step 5: 4 150 10 83 25 zip arouse ton can sit 70 plander plank 32 65 43 more height

Step 6: 4 150 10 83 25 70 zip arouse ton can sit height plander plank 32 65 43 more

Step 7: 4 150 10 83 25 70 32 zip arouse ton can sit height plank plander 65 43 more

Step 8: 4 150 10 83 25 70 32 65 zip arouse ton can sit height plank more plander 43

Step 9: 4 150 10 83 25 70 32 65 43 zip arouse ton can sit height plank more plander

145. **Answer:** (C)

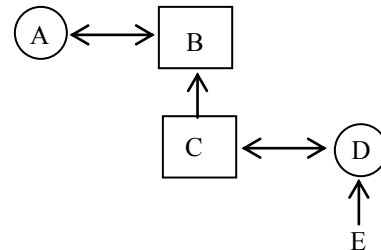
146. **Answer:** (C)

147. **Answer:** (E)

148. **Answer:** (A)

149. **Answer:** (E)

150. **Answer:** (A)



Solution for Questions 151 – 152:

Let's start counting from left to right.

Rank of Anirudh from the left = 17th

Rank of Deepak from the right = 7th

Rank of Bano from Deepak = 10th

Rank of Bano from the right = 17th

Rank of Chandan from Anirudh = 8th

Rank of Chandan from the left = 25th

Number of students between Chandan and Bano = 0

Since Bano got more marks than Chandan, so rank of Bano from the left = 24th

Take Bano as reference from the left and right ends of the row.

Total number of students in the class = 17 + 24 – 1 = 40

151. **Answer:** (D)

Hence, it is the correct option.

152. **Answer:** (C)

153. **Answer:** (A)

O is the 19th letter from the right and 6th letter to the right of O is B.

154. **Answer:** (B)

H @ K, K % D, D \$ B

H ≤ K

K ≥ D

D \$ B means D = B

Conclusions:

I. H ≤ B (Cannot say)

II. B ≤ K (True)

155. **Answer:** (D)

M % F means M is not smaller than F ($M \geq F$).

F © R means F is neither greater than nor equal to R ($F < R$).

R * K means R is neither smaller than nor equal to K ($R > K$).

Conclusions:

I. K © F means $K < F$.

II. M * R means $M > R$.

So, both the conclusions are not true.

156. **Answer:** (E)

A * F means A is neither smaller than nor equal to F ($A > F$).

H ≥ F

- $M < H$
 $A > F \geq H > M$
Conclusions:
 I. $M < F$
 II. $A > H$
 So, both the conclusions are true.
157. **Answer:** (A)
 $R \odot M$ means R is neither greater than nor equal to M ($R < M$).
 $M * W$ means M is neither smaller than nor equal to W ($M > W$).
 $T @ W$ means T is not greater than W ($T \leq W$).
Conclusions:
 I. $T \odot M$ means T is neither greater than nor equal to M, which is true.
 II. $T \odot R$ means T is neither greater than nor equal to R, which may or may not be true.
158. **Answer:** (C)
 $J \odot K, J < K$
 $K @ D, K \leq D$
 $D \$ F, D = F$
 $F = D \geq K > J$
Conclusions:
 I. $F > K$
 II. $F = K$
 Either (I) or (II) can be true.
159. **Answer:** (A)
 When the lift reaches the third floor, there are already 3 people in the lift.
 Also, since 3 people meet at the second floor, so at least one person must have left the lift at the second floor.
160. **Answer:** (D)
 As the capacity of the lift is 400 kg and 5 people are in the lift at the fifth floor, so at the fifth floor, the average weight of the persons did not exceed 80 kg.
161. **Answer:** (C)
 162. **Answer:** (C)
 URL is typed in browser's address box.
163. **Answer:** (A)
 Yes, the first page of a website is called home page/index page.
164. **Answer:** (A)
 Cookie is an internet information file.
165. **Answer:** (D)
 Subscript and superscript are not possible in Notepad.
166. **Answer:** (C)
 167. **Answer:** (D)
 .mpa (MPEG-2 Audio File) is an audio file extension whereas .odt (open document text), .doc (Microsoft Word Document), .wps (Microsoft works word Processor Document) and .txt (plain text file) are text file extensions.
168. **Answer:** (E)
 Both compiler and interpreter are computer programs that transform a source code written in high-level language to machine understandable language.
169. **Answer:** (A)
 Files that are constantly used are kept in Random Access Memory (RAM).
 The data that the computer has to constantly check is held in RAM to ensure that the software works properly.
170. **Answer:** (C)
 Microsoft Windows is a 'closed source' software whereas Linux, Unix, Mozilla Firefox and Google Chrome are 'open source' softwares.
171. **Answer:** (C)
 ASCII stands for American Standard Code for Information Interchange.
172. **Answer:** (A)
 Source code embedded in microprocessors is written in assembly language.
 Assembly language is a low-level programming language.
173. **Answer:** (C)
 174. **Answer:** (A)
 175. **Answer:** (D)
 176. **Answer:** (B)
 177. **Answer:** (A)
 178. **Answer:** (B)
 179. **Answer:** (D)
 180. **Answer:** (D)
 181. **Answer:** (D)
 182. **Answer:** (E)
 183. **Answer:** (D)
 184. **Answer:** (B)
 185. **Answer:** (D)
 186. **Answer:** (D)
 187. **Answer:** (B)
 188. **Answer:** (C)
 189. **Answer:** (E)
 190. **Answer:** (C)
 191. **Answer:** (C)
 192. **Answer:** (A)
 193. **Answer:** (A)
 194. **Answer:** (B)
 195. **Answer:** (C)
 196. **Answer:** (C)
 197. **Answer:** (D)
 198. **Answer:** (A)
 199. **Answer:** (E)
 200. **Answer:** (A)

IBPS Clerical (Mains) Mock Test – 4

1. (D)	2. (B)	3. (A)	4. (C)	5. (D)	6. (C)	7. (C)	8. (C)
9. (A)	10. (D)	11. (C)	12. (B)	13. (A)	14. (C)	15. (D)	16. (C)
17. (C)	18. (A)	19. (C)	20. (E)	21. (B)	22. (A)	23. (B)	24. (B)
25. (B)	26. (E)	27. (C)	28. (E)	29. (A)	30. (D)	31. (C)	32. (D)
33. (D)	34. (D)	35. (A)	36. (C)	37. (D)	38. (C)	39. (A)	40. (A)
41. (E)	42. (D)	43. (D)	44. (B)	45. (C)	46. (D)	47. (D)	48. (B)
49. (C)	50. (B)	51. (B)	52. (D)	53. (A)	54. (D)	55. (A)	56. (D)
57. (E)	58. (B)	59. (C)	60. (D)	61. (D)	62. (B)	63. (D)	64. (B)
65. (D)	66. (C)	67. (E)	68. (B)	69. (E)	70. (A)	71. (A)	72. (D)
73. (C)	74. (B)	75. (B)	76. (B)	77. (C)	78. (D)	79. (C)	80. (E)
81. (E)	82. (A)	83. (B)	84. (A)	85. (C)	86. (D)	87. (D)	88. (B)
89. (C)	90. (C)	91. (A)	92. (D)	93. (A)	94. (C)	95. (C)	96. (C)
97. (C)	98. (D)	99. (B)	100. (A)	101. (E)	102. (B)	103. (E)	104. (D)
105. (D)	106. (B)	107. (A)	108. (D)	109. (B)	110. (B)	111. (A)	112. (A)
113. (A)	114. (C)	115. (D)	116. (D)	117. (B)	118. (C)	119. (D)	120. (A)
121. (A)	122. (B)	123. (A)	124. (D)	125. (A)	126. (B)	127. (E)	128. (B)
129. (B)	130. (D)	131. (B)	132. (D)	133. (A)	134. (C)	135. (B)	136. (B)
137. (D)	138. (A)	139. (D)	140. (E)	141. (D)	142. (D)	143. (B)	144. (C)
145. (D)	146. (C)	147. (A)	148. (D)	149. (C)	150. (C)	151. (E)	152. (D)
153. (E)	154. (C)	155. (C)	156. (D)	157. (B)	158. (A)	159. (E)	160. (A)
161. (C)	162. (B)	163. (B)	164. (D)	165. (B)	166. (D)	167. (B)	168. (C)
169. (B)	170. (A)	171. (A)	172. (B)	173. (C)	174. (C)	175. (C)	176. (A)
177. (E)	178. (C)	178. (C)	180. (A)	181. (A)	182. (E)	183. (E)	184. (D)
185. (C)	186. (C)	187. (D)	188. (D)	189. (C)	190. (D)	191. (E)	192. (E)
193. (A)	194. (B)	195. (C)	196. (C)	197. (A)	198. (A)	199. (A)	200. (C)

1. **Answer:** (D)
2. **Answer:** (B)
3. **Answer:** (A)
4. **Answer:** (C)
5. **Answer:** (D)
6. **Answer:** (C)
7. **Answer:** (C)
8. **Answer:** (C)
9. **Answer:** (A)
10. **Answer:** (D)
11. **Answer:** (C)
12. **Answer:** (B)
13. **Answer:** (A)
14. **Answer:** (C)
15. **Answer:** (D)
16. **Answer:** (C)
17. **Answer:** (C)
18. **Answer:** (A)
19. **Answer:** (C)
20. **Answer:** (E)
21. **Answer:** (B)
22. **Answer:** (A)
23. **Answer:** (B)
24. **Answer:** (B)
25. **Answer:** (B)
26. **Answer:** (E)
27. **Answer:** (C)
28. **Answer:** (E)
29. **Answer:** (A)

30. **Answer:** (D)
31. **Answer:** (C)
32. **Answer:** (D)
33. **Answer:** (D)
34. **Answer:** (D)
35. **Answer:** (A)
36. **Answer:** (C)
37. **Answer:** (D)
38. **Answer:** (C)
39. **Answer:** (A)
40. **Answer:** (A)
41. **Answer:** (E)

Reason: The weaver relied excessively on other people instead of relying on his own wisdom to take important decisions, proving that he had little wisdom of his own and resultantly lost his life.

42. **Answer:** (D)
Reason: It is given that 'One day when he was weaving the cloth, the wooden frames of his loom broke. He took an axe and went to the forest to bring wood in order to make new frames.'
43. **Answer:** (D)
It is given that, 'As the weaver raised his axe to cut the tree, a spirit living on that tree said, 'O weaver, this tree is my home and it must be spared in any event, because it prevents my body from the cool breeze which comes from the sea.'
44. **Answer:** (B)

It is given that 'The barber said,' A wise man should never ask women for advice. He can give a woman food, clothing, jewellery and above all the duties of marriage, but should never ask for their advice. As women think only of their own benefit and they have low wits." So, from these lines, we can know that the barber thinks that the weaver's wife will not give him sound or good advice.

45. **Answer:** (C)

Option C is the correct answer. It is given in the passage, 'A king's life is full of hardships. He is always worried about friendships, animosities, wars, servants, defence alliances, and duplicity. He never gets a minute's rest because anyone who rules hardly gets any time.'

46. **Answer:** (D)

It is given that, 'People on the way saw him and considered him as a kind of demon and were frightened.'

47. **Answer:** (D)

Both strayed and drifted indicate random wandering, so D is the correct option.

48. **Answer:** (B)

Adequate means enough, so insufficient is the correct antonym here.

49. **Answer:** (C)

Both duplicity and deceit indicate something false and made up, so C is the correct option.

50. **Answer:** (B)

Rejoiced means very happy, so grieved is the correct antonym here.

51. **Answer:** (B)

'marked' and 'divided' best fit the meaning of the sentence which expresses a contrast.

52. **Answer:** (D)

'Positive' refers to 'constructive and favourable' and 'cognitive' means 'intellectual', which best fit this sentence.

53. **Answer:** (A)

'Endeavours' and 'touch' would be the only grammatically correct pair that would convey the sense that the organisation is trying to popularise Indian classical music among the youth which has not been very aware of its cultural roots.

54. **Answer:** (D)

Note the word 'although', which is a thought reverser. He avoids public in his life, but in his essays he shows a liking for publicity. Thus, option D is correct.

55. **Answer:** (A)

This sentence emphasizes on man's urge to understand the Universe around him and to understand his role in nature. Thus, 'urge' and 'anxiety' both fit our predictions for the first blank. But to 'err' is to be wrong or mistaken whereas 'know' is to interpret and understand, which therefore fits our prediction for the second blank. Hence, (A) is the answer.

56. **Answer:** (D)

Traits refer to the characteristics inherited from parents. It fits here in this context. So, option (D) is the correct answer.

57. **Answer:** (E)

Nature refers to behaviour. So, it is the correct option to refer to 'fiery temper and the hard working'. Other options do not make sense in this context. 'Tendency' is incorrect as it indicates a preference. But here we are talking about an attribute of the person.

58. **Answer:** (B)

The latter part of the sentence 'never forced to lift a perfect fingernail in her life' refers to the state of being pampered (to indulge with every attention, comfort and kindness).

59. **Answer:** (C)

As she used her hands for cleaning, 'knuckles' will be an incorrect answer. 'Bent down on her knees' makes sense here, as a person bends on the knees.

60. **Answer:** (D)

It is mentioned that she had to bend down. So, except floor, other options do not make sense here.

61. **Answer:** (D)

It is mentioned that she had to work all the day. So, exhausted (tired) will be the correct answer.

62. **Answer:** (B)

Options (A) and (D) need an object (thought/dreamed of the time or day) with them to make sense here. Consider is incorrect as it means to think carefully about, especially in order to make a decision. Remembered is the correct word here.

63. **Answer:** (D)

'Stay up' means 'to stay awake'. So, it is the correct phrase here.

64. **Answer:** (B)

'Anyone' is used in negative or interrogative sentences. Option (D) do not make sense here. Option (B) is the correct answer as 'someone' is used in positive sentences.

65. **Answer:** (D)

Here, 'it' refers to 'the happiness, the joy, the bliss'. So, option (C) doesn't make sense. Options (A) and (B) are grammatically incorrect. Option (E) renders a vague meaning to the sentence. Option (D) best fits the context here.

Solution for Questions 66 – 70:

3 introduces 'ancient Egyptians' and 'farmers'. 'Their' in 2 refers to 'farmers' in 3. 6 begins to tell about their homes. 'It' in 5 refers to 'kitchen' in 6. The wall mentioned in 5 leads to 1, which tells about the walls of the home. 'They' in 4 refers to 'walls' mentioned in 1. So, we get 14 link. Thus, the correct sequence is 326514.

66. **Answer:** (C)

67. **Answer:** (E)

68. **Answer:** (B)

69. **Answer:** (E)

70. **Answer:** (A)

71. **Answer:** (A)
Error of parallelism. 'Honesty' and 'integrity' are abstract nouns, and should be followed by another abstract noun, if any. So, 'being intelligent' (which is a verb of being) should be changed to 'intelligence' (an abstract noun).

72. **Answer:** (D)
'goods' in place of 'good'; incorrect word usage. Here the noun form 'goods' has to be used, meaning products or commodities.

73. **Answer:** (C)
It is an error of incorrect word usage; 'responsive' should be used instead of 'response' as the sentence requires a verb. Or we can change 'is' to 'does'.

74. **Answer:** (B)
Delete *they*; unnecessary use of pronoun.

75. **Answer:** (B)
served; incorrect word usage as to service means to provide a utility. But here the beads were used as a replacement for money. So, 'served' should be used.

76. **Answer:** (B)
'In' is the correct preposition here.

77. **Answer:** (C)
The best option here is 'starts'. It implies the beginning of the marriage season. Other options, though synonymous, do not fit here grammatically.

78. **Answer:** (D)
The subject is path, which is singular. So, a singular verb is required. The second option is thus ruled out. The word 'leads' is followed by the preposition 'to'. So, 'leads to the tomb' is the correct option.

79. **Answer:** (C)
'But he is also going to' is the correct option. 'Not only – but also' are correlative conjunctions which are used to give additional information.

80. **Answer:** (E)
There is no error.

81. **Answer:** (E)
Solution:

$$\sqrt{\sqrt{2500} - \sqrt{961}} = (?)^2$$

$$\sqrt{50 - 31} = (?)^2$$

$$\sqrt{19} = (?)^2$$

$$4.36 = (?)^2$$

$$? = \sqrt{4.36}$$

$$? = 2.09$$

82. **Answer:** (A)

$$\sqrt{12\frac{3}{4} + 13\frac{1}{4} + ?} = 6$$

$$\left(\sqrt{12\frac{3}{4} + 13\frac{1}{4} + x} \right)^2 = (6)^2$$

$$\frac{51}{4} + \frac{53}{4} + x = 36$$

$$x = 10$$

83. **Answer:** (B)

$$? = \frac{3}{8} \times \frac{4}{5} \times \frac{2}{3} \times 730 = 146$$

84. **Answer:** (A)

$$265 \times \frac{40}{100} + \frac{180}{100} \times 35 = \frac{50}{100} \times x$$

$$1060 + 630 = 5x$$

$$x = 338$$

85. **Answer:** (C)

$$3(3 + 3 + 3) - (4 - 3) \times 3(2 + 2 + 2)$$

$$= 3(9) - (1) \times 3(6)$$

$$= 27 - 1 \times 18$$

$$= 27 - 18 = 9$$

86. **Answer:** (D)

Let x come in the place of question mark.

$$6\frac{2}{5} \text{ of } 248.65 = x \text{ of } 2398.59$$

$$\frac{32}{5} \times 250 = x \times 2400$$

$$x = \frac{2}{3}$$

87. **Answer:** (D)

$$30.06\% \text{ of } 499 + 39.99\% \text{ of } 799 = ?$$

$$\frac{30.06}{100} \times 499 + \frac{39.99}{100} \times 799 = ?$$

$$149.9994 + 319.5201 = ?$$

$$469.5195 = ?$$

$$? \approx 470$$

88. **Answer:** (B)

$$(827 + 328 - 563) \div (712 - 41 \times 11) = ?$$

$$592 \div 261 = ?$$

$$? = 2.268$$

$$? = 2$$

89. **Answer:** (C)

$$(3.99)^3 + (30.08)^2 - (5.99)^3 = ?$$

Apply approximation:

$$(4)^3 + (30)^2 - (6)^3 = ?$$

$$64 + 900 - 216 = ?$$

$$964 - 216 = ?$$

$$? = 748$$

90. **Answer:** (C)

According to BODMAS, we need to solve the division first.

$$\text{So, } \frac{150}{17} \times \frac{199}{13} \div \frac{16}{91} = \frac{150}{17} \times \frac{199}{13} \times \frac{91}{16}$$

$$= \frac{150 \times 199 \times 91}{17 \times 13 \times 16}$$

$$= 768.19 \text{ (Approximately)}$$

$$= 770$$

91. **Answer:** (A)

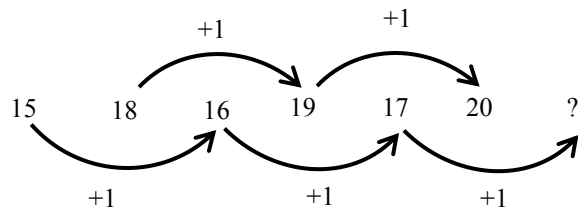
$$15 - 14 = 1 = 1^2$$

$$23 - 15 = 8 = 2^3$$

$$32 - 23 = 9 = 3^2$$

$$96 - 32 = 64 = 4^3$$

92. **Answer:** (D)



$$? = 17 + 1 = 18$$

93. **Answer:** (A)

$$8 \times 1 + 1 = 9$$

$$9 \times 2 + 2 = 20$$

$$20 \times 3 + 3 = 63$$

$$63 \times 4 + 4 = 256$$

94. **Answer:** (C)

Sales tax is reduced by 10%, but sale is increased by 10%. Let sale initially be of Rs. x and sales be y units.

Then,

$$\left(x - \frac{10}{100}x\right)\left(y + \frac{10}{100}y\right) = \frac{90}{100} \times \frac{110}{100}xy = \frac{99}{100}xy$$

Original revenue = xy

$$\frac{xy - \frac{99}{100}xy}{xy} \times 100$$

$$\frac{1}{100} \times 100 = 1\%$$

95. **Answer:** (C)

New sides = 1.2x and 1.4x

$$\text{Area of rectangle} = 1.2x \times 1.4x = 1.68x^2$$

$$\text{Area of square} = x^2$$

$$\text{Percentage increase (\%)} = \frac{0.68x^2}{x^2} \times 100 = 68\%$$

96. **Answer:** (C)

Let the original price of sugar be Rs. x per kg.

Then,

$$\frac{837}{0.9x} - \frac{837}{x} = 6.2$$

$$\frac{837(1 - 0.9)}{0.9x} = 6.2$$

$$837 \times 0.1 = 6.2 \times 0.9x$$

$$x = 15$$

$$\text{Reduced price} = 0.9 \times 15 = \text{Rs. } 13.50 \text{ per kg}$$

97. **Answer:** (C)

$$CI = p\left(1 + \frac{R}{100}\right)^3 - P$$

$$= p\left(1 + \frac{5}{100}\right)^3 - P$$

$$= \frac{1261}{8000}p$$

$$SI = \frac{3 \times P \times 5}{100} = \frac{3P}{20} = \frac{1200P}{8000}$$

$$CI - SI = \frac{61P}{8000} = 12.20$$

$$P = \text{Rs. } 1600$$

98. **Answer:** (D)

R alone can finish the work in 40 days.

(P + Q) can do it in 20 days.

$$(P + Q)\text{'s 1 day work} = \frac{1}{20}$$

$$P\text{'s 1 day work} : Q\text{'s 1 day work} = \frac{1}{2} : 1 = 1 : 2$$

$$P\text{'s 1 day work} = \frac{1}{20} \times \frac{1}{3} = \frac{1}{60}$$

$$Q\text{'s 1 day work} = \frac{1}{20} \times \frac{2}{3} = \frac{1}{30}$$

(P + Q + R)'s 1 day work

$$= \frac{1}{60} + \frac{1}{30} + \frac{1}{40} = \frac{9}{120} = \frac{3}{40}$$

All the three together will finish it in $\frac{40}{3}$

$$= 13\frac{1}{3} \text{ days.}$$

99. **Answer:** (B)

First pipe can fill cistern in = 2 hours

Second pipe can empty the cistern in = 3 hours

Now, according to the question,

$$\text{Time taken to fill the cistern} = \frac{1}{\frac{1}{2} - \frac{1}{3}} = 6 \text{ hours}$$

100. **Answer:** (A)

Six years ago, let the ages of A and B be 10x and 7x, respectively.

Nine years hence, they will be

$$10x + 15, 7x + 15$$

$$\Rightarrow \frac{10x + 15}{7x + 15} = \frac{13}{10}$$

$$\Rightarrow 100x + 150 = 91x + 195$$

$$\Rightarrow 9x = 45$$

$$\Rightarrow x = 5$$

Their present ages are 10x + 6 and 7x + 6, i.e. 56 years and 41 years, respectively.

101. **Answer:** (E)

First, we answer the question by taking 25 men instead of 25 women.

$$M_1D_1H_1 = M_2D_2H_2$$

$$\therefore 75 \times 75 \times 7\frac{1}{2} = 25 \times D_2 \times 10$$

$$\therefore D_2 = \frac{675}{4} \text{ days}$$

This is the number of days required for 25 men to complete the work.

∴ 25 women will take more time than the time taken by 25 men because they are less efficient.

$$\therefore \text{Answer} = \frac{675}{4} \times \frac{3}{2} = \frac{2025}{8} \approx 253 \text{ days}$$

102. **Answer:** (B)

Let total distance be x km.

Then

$$\frac{x}{25} + \frac{x}{4} = 5 \frac{48}{60} = 5 \frac{4}{5} = \frac{29}{5}$$

$$\Rightarrow \frac{29x}{100} = \frac{29}{5} \Rightarrow x = 20 \text{ km}$$

103. **Answer:** (E)

Let the number of boys = x

Then, number of girls = 100 - x

A.T.Q.

$$1.5 \times x + (100 - x) \times 1.40 = 143$$

$$1.5x + 140 - 1.4x = 143$$

$$0.1x = 3$$

$$x = 30$$

Hence, number of boys = 30

And number of girls = 70

104. **Answer:** (D)

Let the cost of one pen be Rs. x and that of a pencil be Rs. y.

$$\Rightarrow 8x + 4y = 176 \text{ and}$$

$$\Rightarrow 2x + 2y = 48$$

$$\text{Or } 4x + 4y = 96$$

Solving, we get

$$x = 20, y = 4$$

105. **Answer:** (D)

Let us assume that he changed his speed at a distance of d km from Hyderabad.

So, total time taken for the journey (both forward and return) is

$$\frac{d}{60} + \frac{(600 - d)}{80} + \frac{(600 - d)}{80} + \frac{d}{60}$$

Since we don't know d, we can't find the total time and hence, we can't find the average speed.

106. **Answer:** (B)

$$[(1 \div 3) \text{ of } Z] + (2Z) + (Z) = 6500 \Rightarrow \frac{10Z}{3} =$$

$$6500$$

$$\Rightarrow Z = \text{Rs. } 1950$$

$$\text{Hence, Y's share} = (2Z) = 2 \times 1950 = \text{Rs. } 3900$$

107. **Answer:** (A)

$$\text{Cost of 12 litres of drink} = \text{Rs. } 10 \times 12 = \text{Rs. } 120$$

If we add 3 litres of water, then the total quantity becomes 15 litres.

$$\text{Price of 1 litre} = \frac{120}{15} = \text{Rs. } 8$$

108. **Answer:** (D)

Apply the rule of alligation: $(70 - 68) : (68 - 65) = 2 : 3$

Number of boys = 450

109. **Answer:** (B)

The price has tripled. Hence, if the expenditure has to remain the same, the quantity bought must

become $\frac{1}{3}$ rd of the original amount.

Since the price is inversely proportional to the quantity bought, so the drop in percentage terms

$$\text{is } 66\frac{2}{3} \%.$$

110. **Answer:** (B)

Let the number of innings = x

Total runs scored by the cricketer = 15x

New number of innings = x + 1

Also, new average = 13.5

$$15x = 13.5x + 13.5$$

$$1.5x = 13.5$$

$$x = 9$$

Number of innings played including the latest one = 9 + 1 = 10

111. **Answer:** (A)

The mixture contains $(10/100) 70 = 7$ litres of water. It contains $(70 - 7) = 63$ litres of wine

Let x litres of water be added.

$$\frac{(7 + x)}{(70 + x)} = \left(\frac{37}{100} \right)$$

$$x = 30 \text{ litres}$$

112. **Answer:** (A)

$$x^2 + 8x + 15 = 0$$

$$x^2 + 3x + 5x + 15 = 0$$

$$x(x + 3) + 5(x + 3) = 0$$

$$(x + 3)(x + 5) = 0$$

$$x = -3, -5$$

And

$$y^2 + 13y + 42 = 0$$

$$y^2 + 7y + 6y + 42 = 0$$

$$y(y + 7) + 6(y + 7) = 0$$

$$(y + 6)(y + 7) = 0$$

$$y = -6, -7$$

113. **Answer:** (A)

$$5x + 35 = 155$$

$$5x = 120$$

$$x = 24$$

and

$$14y + 13 = 279$$

$$14y = 279 - 13 = 266$$

$$14y = 266$$

$$y = 19$$

114. **Answer:** (C)

$$x^2 + 4x + 4 = 0$$

$$x^2 + 2x + 2x + 4 = 0$$

$$\Rightarrow x = -2, -2$$

$$y^2 - 8x + 16 = 0$$

$$y^2 - 4y - 4y + 16 = 0$$

$$y = 4, 4$$

$$\therefore x < y$$

115. **Answer:** (D)

$$x^2 - 4x + 3 = 0$$

$$x^2 - 3x - x + 3 = 0$$

$$x(x-3) - 1(x-3) = 0$$

$$(x-1)(x-3) = 0$$

$$x = 1, 3$$

And

$$y^2 - 3y - 4y + 12 = 0$$

$$y(y-3) - 4(y-3) = 0$$

$$(y-3)(y-4) = 0$$

$$y = 3, 4$$

116. **Answer:** (D)

$$\frac{(18\%)(40\%) + (16\%)(65\%)}{(18\%)(60\%) + (21\%)(20\%) + (19\%)(40\%) + (15\%)(80\%) + (11\%)(40\%)}$$

$$= \frac{0.176}{0.446} = \frac{176}{446} = \frac{88}{223}$$

117. **Answer:** (B)

Profession	Total (Males + Females)	Females
Architect	$0.11 \times 10500 = 1155$	$0.40 \times 1155 = 462$
Teacher	$0.15 \times 10500 = 1575$	$0.80 \times 1575 = 1260$
Lawyers	$0.19 \times 10500 = 1995$	$0.40 \times 1995 = 798$
Doctors	$0.21 \times 10500 = 2205$	$0.20 \times 2205 = 441$
Designers	$0.16 \times 10500 = 1680$	$0.35 \times 1680 = 588$
Engineers	$0.18 \times 10500 = 1890$	$0.60 \times 1890 = 1134$

Total number of females = $462 + 1260 + 798 + 441 + 588 + 1134 = 4683$

And total number of males = $10500 - 4683 = 5817$

Difference between total numbers of males and females = $5817 - 4683 = 1134$

118. **Answer:** (C)

$$\frac{19}{21} \times 100 = 90\%$$

119. **Answer:** (D)

Total number of female doctors = 441

$$\text{Percentage} = \frac{441}{10500} \times 100 = 4.2\%$$

120. **Answer:** (A)

Number of male architects = $1155 - 462 = 693$

Number of male teachers = $1575 - 1260 = 315$

$$\text{Now, their ratio would be} = \frac{693}{315} = 11 : 5$$

121. **Answer:** (A)

Statement (I) indicates that Ram caught fewer fish than Om.

Therefore, statement (I) alone is sufficient to answer the question.

Statement (II) gives no information about the number of fish Om caught.

Therefore, statement (II) alone is not sufficient.

122. **Answer:** (B)

If 'A' does not qualify to become a police officer, then 'M' will not qualify to become a police officer.

If we negate this statement, we will have:

If 'M' qualifies to become a police officer, then 'A' will qualify to become a police officer.

Statement (I) puts the cart before the horse. A's qualification is a pre-requisite for M's qualification, not the other way round. The statement should have been that if M qualifies, A qualifies.

Statement (II) and the main statement help us conclude.

123. **Answer:** (A)

Let the four candidates be A, B, C and D, and the scores obtained by them be in the order $A > B > C > D$.

From statement (I):

A votes for B, B votes for A, C votes for A and nothing is known for vote of D. So, A has got 2 votes in his favour and B has got 1 vote. Even if D casts his vote to B, he will not win as his score is less than that of A. So definitely, A is the winner. Hence, this statement alone gives us the answer.

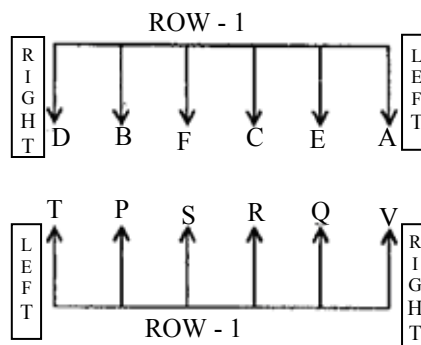
From statement (II):

It only tells us that D votes for B. But, the answer cannot be determined from this information alone. So, this statement alone does not give us the answer.

124. **Answer:** (D)

When a shop is established with some new features, it assumes that those features will attract customers. No business will set shop unless there is an expectation of a 'large' clientele. Hence, both I and II are implicit.

Solution for Questions 125 – 130:



125. **Answer:** (A)

T faces D.

126. **Answer:** (B)

T and A are sitting at extreme ends of the rows.

127. **Answer:** (E)

D is far away from R.

128. **Answer:** (B)

Except S, all the others are sitting at the extreme ends of the rows.

129. **Answer:** (B)

Two persons P and S are seated between R and T.

130. **Answer:** (D)

D and F are immediate neighbours of B.

131. **Answer:** (B)

Codes for the words are as follows:
She – mop, gives – lui, gift – na
Sudha – dus, gets – lap, nothing – igli
So, code for the sentence 'Sudha gets nothing' is 'dus lap igli'.

132. **Answer:** (D)

1	2	3	4	5	6	7	8	9	10	11	12	13
A	B	C	D	E	F	G	H	I	J	K	L	M

Z	Y	X	W	V	U	T	S	R	Q	P	O	N
26	25	24	23	22	21	20	19	18	17	16	15	14

This is the correct option because it is following this pattern as with every three elements in the series, there is a difference of +1, +2, +3 in three different series between the elements followed by +, - signs alternately. So, +2, -3, +4,... form one series with +1 gap; -6, +8, -10,... form second series with +2 gap; +13, -16, +19,... form third series with +3 gap. -23 can be the next element with +4 gap and when the numbers become two or three-figured, it is again added up to make it a single-figured number, like 13 becomes 1 + 3 = 4. For example, 'A' in 'OBLIGATORY' is coded as -10 = -1 + 0 = -1. Hence, letter I in backward direction, i.e. 'Z'.

133. **Answer:** (A)

From (I) and (III) statements,

Code of Seema = 2

From (I), (II) and (III) statements,

Code of water = 1

From (III) and (IV) statements,

Code of Has = 7

∴ Code for Sangeeta = 8

∴ Code for Wants = 3

From (II) and (III) statements,

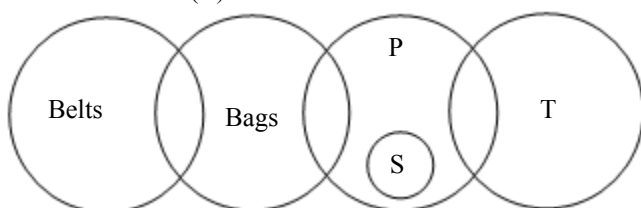
Code for Blue = 4

∴ Code for Dresses = 6

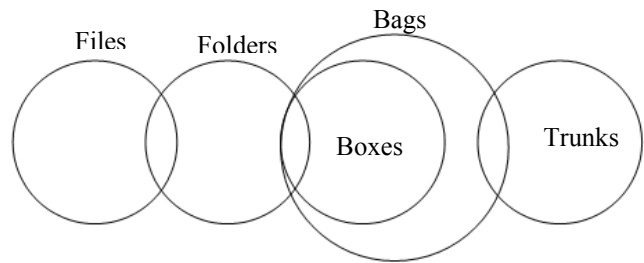
134. **Answer:** (C)

D I V E R T would be TDRIEV. Hence, CONFER would be RCEOFN. The preceding letter in the alphabet is the code.

135. **Answer:** (B)

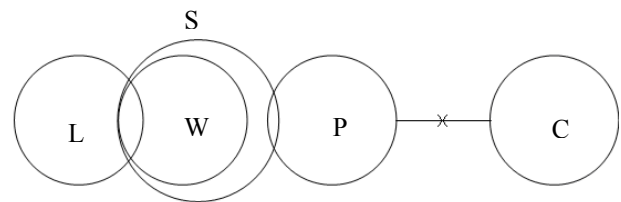


136. **Answer:** (B)



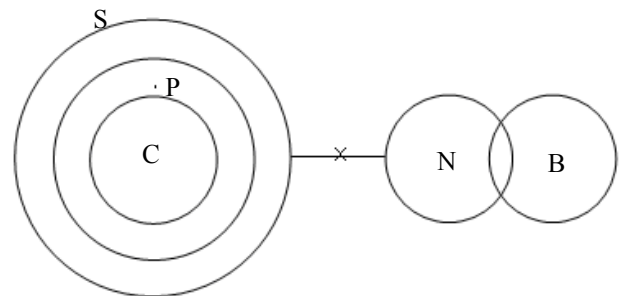
∴ Only conclusion I follows.

137. **Answer:** (D)



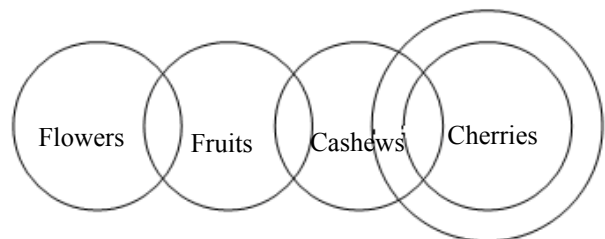
∴ Only IV and either II or III follow.

138. **Answer:** (A)



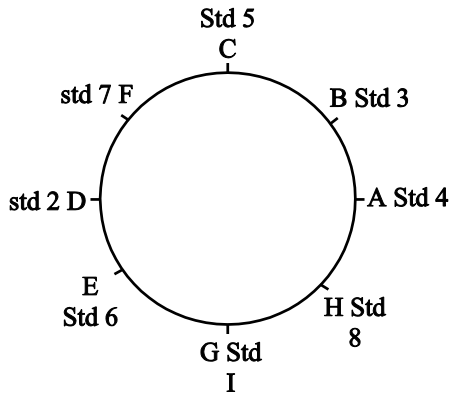
∴ Only I and II follow.

139. **Answer:** (D)

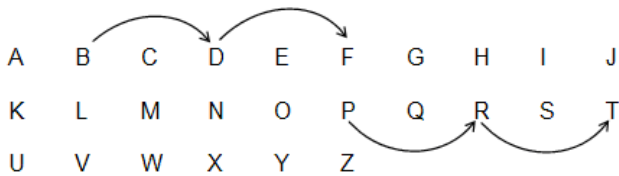


∴ Only IV follows.

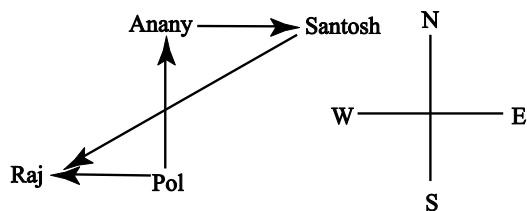
Solution for Questions 140 – 145:



140. **Answer:** (E)
None is true.
141. **Answer:** (D)
B studies in Std. 3.
142. **Answer:** (D)
There are three students between A and D when counted from the left hand side of A.
143. **Answer:** (B)
D studies in Std. 2.
144. **Answer:** (C)
E and H are immediate neighbours of G.
145. **Answer:** (D)
Solution:
R's details are not mentioned, so option (D) is correct.
146. **Answer:** (C)
It is clear that Raju is the father of Ravi, who is the brother of Rani, who is the mother of Padma. Hence, Raju is the grandfather of Padma.
147. **Answer:** (A)

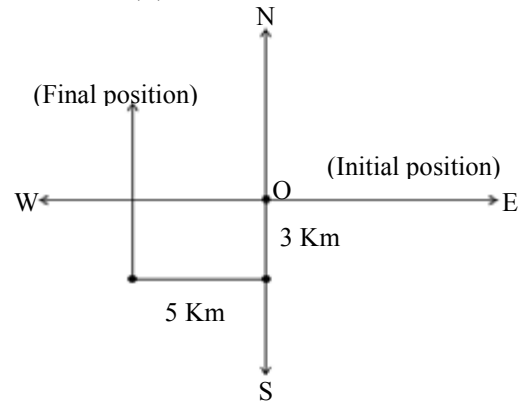


- To maintain the series, VXZ is the best option.
148. **Answer:** (D)
AZ BY CX ?
A B C D E F G H I J K L M N O P Q R S T U V
W X Y Z
According to the given series, the answer is DW.
149. **Answer:** (A).
The following figure justifies the relative positions of Santosh, Ananya, Raj and the pole.



From the figure, we can see that Raj is standing in the south-west direction of Santosh.

150. **Answer:** (C)



She is travelling towards North.

151. **Answer:** (E)
Statements:
 $M \geq K$
 $K = R$
 $R < N$
Conclusions:
(I) $R < M$
(II) $R = M$
(III) $N > K$
So, either I or II and III are true.
152. **Answer:** (D)
Statements:
 $B < H$
 $H > J$
 $J \geq M$
Conclusions:
(I) $B < J$
(II) $M < B$
(III) $H > M$
So, only conclusion (III) is true.
153. **Answer:** (E)
Statements:
 $Z \leq K$
 $K < E$
 $E = R$
Conclusions:
(I) $R > K$
(II) $Z < E$
(III) $R > Z$
So, all conclusions (I), (II) and (III) are true.
154. **Answer:** (C)
Statements:
 $W = M$
 $M \leq R$
 $R > F$
Conclusions:
(I) $F < M$
(II) $R \geq W$
(III) $W < F$
So, only conclusion (II) is true.
155. **Answer:** (C)
Statements:

J > D
D ≤ K
K < R

Conclusions:

- (I) R > J
(II) R > D
(III) K > J

Only conclusion II is true.

Solutions of Questions 156 – 160:

The arrangement will be: A C G E H F D B.

156. **Answer:** (D)
157. **Answer:** (B)
158. **Answer:** (E)
159. **Answer:** (E)
160. **Answer:** (A)
161. **Answer:** (C)
162. **Answer:** (B)
163. **Answer:** (B)
164. **Answer:** (D)
GUI - Graphical User Interface
165. **Answer:** (B)
166. **Answer:** (D)
167. **Answer:** (B)
168. **Answer:** (C)
Optical Mark Recognition is a technology used to read marked areas of paper forms by shining a beam of light onto them. Marked areas reflect less light as compared to blank areas. Thus, contrasting reflectivity helps to read large numbers of hand-filled forms.
169. **Answer:** (B)
IPv4 (Internet Protocol version 4) addresses are 4 bytes (32 bits) long.
170. **Answer:** (A)
Instruction cycle is also referred to as Fetch-Decode-Execute cycle.
The instruction to be processed is first fetched, then decoded and then executed.
171. **Answer:** (A)
Touch screens are sensitive display screens on which the user can make choices and press button images. One can also write on their surface using a stylus.
172. **Answer:** (B)

Domain Name System is a naming system used for translating domain names into IP addresses.

173. **Answer:** (C)
EPROM refers to Erasable Programmable Read Only Memory.
The data stored in an EPROM can be erased via a beam of ultraviolet light. The erased EPROM can be further reprogrammed for reuse.
174. **Answer:** (C)
Multiprocessing is the ability of an operating system to perform multiple processes simultaneously using more than one CPU, whereas multiprogramming, multitasking and multithreading are done using single CPU based operating system.
175. **Answer:** (D)
MySQL is a Structured Query Language used in database management.
It is an open-source platform.
176. **Answer:** (A)
177. **Answer:** (E)
178. **Answer:** (C)
179. **Answer:** (E)
180. **Answer:** (A)
181. **Answer:** (A)
182. **Answer:** (E)
183. **Answer:** (E)
184. **Answer:** (D)
185. **Answer:** (C)
186. **Answer:** (C)
187. **Answer:** (D)
188. **Answer:** (D)
189. **Answer:** (C)
190. **Answer:** (D)
191. **Answer:** (E)
192. **Answer:** (E)
193. **Answer:** (A)
194. **Answer:** (B)
195. **Answer:** (C)
196. **Answer:** (C)
197. **Answer:** (A)
198. **Answer:** (A)
199. **Answer:** (A)
200. **Answer:** (C)

IBPS Clerical (Mains) Mock Test – 5

1. (D)	2. (A)	3. (D)	4. (C)	5. (A)	6. (A)	7. (B)	8. (B)
9. (B)	10. (B)	11. (C)	12. (A)	13. (C)	14. (E)	15. (B)	16. (C)
17. (C)	18. (B)	19. (B)	20. (C)	21. (B)	22. (C)	23. (E)	24. (B)
25. (A)	26. (C)	27. (D)	28. (C)	29. (E)	30. (A)	31. (E)	32. (A)
33. (B)	34. (D)	35. (E)	36. (C)	37. (D)	38. (B)	39. (B)	40. (B)
41. (C)	42. (D)	43. (C)	44. (B)	45. (C)	46. (C)	47. (A)	48. (D)
49. (E)	50. (D)	51. (A)	52. (A)	53. (B)	54. (B)	55. (D)	56. (B)
57. (C)	58. (E)	59. (B)	60. (C)	61. (B)	62. (A)	63. (E)	64. (D)
65. (B)	66. (E)	67. (B)	68. (C)	69. (A)	70. (D)	71. (C)	72. (C)
73. (B)	74. (A)	75. (E)	76. (C)	77. (B)	78. (C)	79. (B)	80. (C)
81. (E)	82. (A)	83. (C)	84. (C)	85. (C)	86. (B)	87. (A)	88. (C)
89. (B)	90. (E)	91. (C)	92. (B)	93. (D)	94. (B)	95. (A)	96. (A)
97. (A)	98. (D)	99. (A)	100. (A)	101. (A)	102. (B)	103. (C)	104. (B)
105. (D)	106. (D)	107. (D)	108. (C)	109. (A)	110. (C)	111. (B)	112. (C)
113. (C)	114. (B)	115. (A)	116. (C)	117. (A)	118. (D)	119. (B)	120. (B)
121. (B)	122. (D)	123. (C)	124. (A)	125. (D)	126. (B)	127. (B)	128. (B)
129. (A)	130. (C)	131. (A)	132. (E)	133. (D)	134. (A)	135. (C)	136. (E)
137. (A)	138. (D)	139. (B)	140. (D)	141. (B)	142. (D)	143. (D)	144. (A)
145. (C)	146. (C)	147. (E)	148. (D)	149. (D)	150. (D)	151. (D)	152. (C)
153. (A)	154. (A)	155. (B)	156. (B)	157. (C)	158. (D)	159. (D)	160. (A)
161. (C)	162. (C)	163. (A)	164. (D)	165. (C)	166. (B)	167. (E)	168. (C)
169. (D)	170. (C)	171. (D)	172. (A)	173. (D)	174. (A)	175. (E)	176. (D)
177. (D)	178. (E)	179. (B)	180. (A)	181. (D)	182. (C)	183. (C)	184. (C)
185. (B)	186. (C)	187. (C)	188. (C)	189. (C)	190. (E)	191. (C)	192. (C)
193. (C)	194. (E)	195. (D)	196. (D)	197. (B)	198. (A)	199. (C)	200. (B)

1. **Answer:** (D)
2. **Answer:** (A)
3. **Answer:** (D)
4. **Answer:** (C)
Certificate in respect of an SSI unit is given by District Industries Centre.
5. **Answer:** (A)
6. **Answer:** (A)
Merchant banking is related to Capital Market.
7. **Answer:** (B)
8. **Answer:** (B)
9. **Answer:** (B)
10. **Answer:** (B)
11. **Answer:** (C)
12. **Answer:** (A)
13. **Answer:** (C)
14. **Answer:** (E)
15. **Answer:** (B)
16. **Answer:** (C)
17. **Answer:** (C)
18. **Answer:** (B)
19. **Answer:** (B)
20. **Answer:** (C)
21. **Answer:** (B)
22. **Answer:** (C)
23. **Answer:** (E)
24. **Answer:** (B)

25. **Answer:** (A)
26. **Answer:** (C)
27. **Answer:** (D)
28. **Answer:** (C)
29. **Answer:** (E)
30. **Answer:** (A)
31. **Answer:** (E)
32. **Answer:** (A)
33. **Answer:** (B)
34. **Answer:** (D)
35. **Answer:** (E)
36. **Answer:** (C)
37. **Answer:** (D)
38. **Answer:** (B)
39. **Answer:** (B)
40. **Answer:** (B)
41. **Answer:** (C)
It is given, 'No one had stopped to help for the last hour or so' and also 'Well, all she had was a flat tyre, but for an old lady, that was bad enough.'
42. **Answer:** (D)
It is given that 'Even with the smile on his face, she was worried. No one had stopped to help for the last hour or so. Was he going to hurt her? He didn't look safe; he looked poor and hungry.'
43. **Answer:** (c)

‘A Circle of Kindness’ is a valid title as the story is about how an act of kindness went round and paid off in the end.

44. **Answer: (B)**
It is given that ‘Bryan never thought twice about being paid. This was not a job to him. This was helping someone in need, and God knows there were plenty, who had given him a hand in the past. He had lived his whole life that way, and it never occurred to him to act any other way.’
45. **Answer: (C)**
‘Under the napkin were four more \$100 bills.’
46. **Answer: (C)**
It is given that, ‘The old lady wondered how someone who had so little could be so giving to a stranger.’
47. **Answer: (A)**
Both ‘scared’ and ‘intimidated’ mean to be afraid of something.
48. **Answer: (D)**
Dingy means something that is dirty; hence, spotless is the correct antonym.
49. **Answer: (E)**
Both ‘Sputtering’ and ‘Shaking’ mean to falter or wobble. Hence, (E) is correct.
50. **Answer: (D)**
Whispered means to speak in a low voice, so screamed is the correct antonym.
51. **Answer: (A)**
Only eccentric fits as the option here would begin with a vowel sound as it is preceded by ‘an’. ‘Infamous’ completes the sense of the sentence here.
52. **Answer: (A)**
‘Although’ and ‘indications’ are the only words here that fit grammatically to convey the sense of the contrast in the sentence correctly.
53. **Answer: (B)**
Only reallocate (simple present tense) and raising (present continuous tense) fit here together grammatically to convey the sense of the sentence correctly.
54. **Answer: (B)**
Both ‘escalating’ and ‘enormous’ can fill the first blank, but only ‘alike’ fills the second blank here. Only escalating and alike fit here together grammatically to convey the sense of the sentence correctly.
55. **Answer: (D)**
‘Component’ means ‘element’ and ‘sustenance’ means ‘means of maintaining life’.
56. **Answer: (B)**
‘Continue my studies’ is the correct phrase here. It means to ‘go higher in’.
57. **Answer: (C)**
Options (A) and (B) do not fit in the context here. **Opportunities** are created and **actions** are taken. ‘Made arrangements’ is the correct phrase.
58. **Answer: (E)**

Sent off means to be ordered to go/make arrangements for going on a journey. So, it is the correct phrase.

59. **Answer: (B)**
Make sure is the correct phrase. It means to establish something without doubt; make certain.
60. **Answer: (C)**
Settle in something means to become comfortable in a new place or situation. So, option (C) is the correct answer.
61. **Answer: (B)**
Following means next. It fits here in the sentence.
62. **Answer: (A)**
‘Months’ is countable noun. So, options B and C cannot be used here. **Few** means ‘almost no’ and is used in a negative sense, but the sentence doesn’t have a negative tone. So, **a few** will be the correct answer. **Several** is incorrect as it doesn’t fit with ‘only’ here.
63. **Answer: (E)**
Here, it is mentioned that the author ‘excelled in languages and arts’. So, options (B), (C) and (d) do not fit in the context. Option (A) doesn’t make any sense here. Fluently is the correct answer here as it means to be able to express oneself readily and effortlessly.
64. **Answer: (D)**
Hanging is the correct word as it means suspended on wall, etc. We hang pictures or drawings on a wall. Other options do not fit in the context as no such reference has been made in the text.
65. **Answer: (D)**
‘Had become very ill’ is the correct phrase here. Other options do not make any sense in the active form of the sentence here.

Solution for Questions 66 – 70:

Events have been presented in a chronological order in the passage. 6 comes first with ‘late 19th century and early 20th century’ and it is followed by 3 and 1 subsequently. We get the 631 link. 2 begins to talk about ‘migration and movement’. Migrating pproximately doubled” in 4 follows it. 5 concludes the passage. Thus, the correct sequence is 631245.

66. **Answer: (E)**
67. **Answer: (B)**
68. **Answer: (C)**
69. **Answer: (A)**
70. **Answer: (D)**
71. **Answer: (C)**
‘While on’ should be the correct prepositional phrase here, not just ‘while’.
72. **Answer: (C)**
‘Were’ is required for correct subject-verb agreement.
73. **Answer: (B)**
Continue to elude is correct as the sentence is in present indefinite tense.

74. **Answer:** (A)
kept; incorrect word usage as it is past tense that is being used here. With had, the third form of the verb 'keep' will be used.
75. **Answer:** (E)
 The given sentence is perfectly correct as there is no error in the portions.
76. **Answer:** (C)
 Since the sentence is in simple past tense, 'knew' (past form of know) is the correct answer.
77. **Answer:** (B)
 When a person is the object of the sentence, 'whom' is used.
78. **Answer:** (C)
 The given sentence is in past continuous tense as one event in the past has been interrupted by another event. Thus, 'was hurrying' is the correct answer.
79. **Answer:** (B)
 'Send word' is a phrase which means to send a message. In past tense, 'has sent word' is the correct answer.
80. **Answer:** (C)
 'Should avoid taking' is the grammatically correct usage for this as it is an imperative sentence advising something.
81. **Answer:** (E)
 $\sqrt{529} \div 46 \times 7.4 + (8)^3 - 251 = ?$
 $\sqrt{529} \div 46 \times 7.4 + 512 - 251 = ?$
 $23 \div 46 \times 7.4 + 512 - 251 = ?$
 $\frac{23}{46} \times 7.4 = 512 - 251 = ?$
 $\frac{1}{2} \times 7.4 + 512 - 251 = ?$
 $3.7 + 512 - 251 = ?$
 $515.7 - 251 = ?$
 $? = 264.7$
82. **Answer:** (A)
 $126 \div 14 \times (9)^2 - 53 = (?)^2$
 $(9)^3 - 53 = (?)^2$
 $729 - 53 = (?)^2$
 $676 = (?)^2 \{ (26)^2 = 676 \}$
 $(26)^2 = (?)^2$
83. **Answer:** (C)
 $2\frac{2}{7} + 5\frac{1}{5} + 4\frac{1}{3}$
 $\frac{16}{7} + \frac{26}{5} + \frac{13}{3} = \frac{16}{7} + \frac{26}{5} + \frac{13}{3}$
 $\frac{240 + 546 + 455}{105} = 11\frac{86}{105}$
84. **Answer:** (C)
 $\frac{27}{7} - \frac{25}{4} + \frac{16}{3} = \frac{324 - 525 + 448}{84}$
 $= 2\frac{79}{84}$
85. **Answer:** (C)
 $\frac{23}{5} \times \frac{450}{100} - \frac{48}{5} \times \frac{960}{100} = -71.46$
86. **Answer:** (B)
 $6075 \div 9.02 - 670.03 + 125.33 = ?$
 Applying approximation:
 $6075 \div 9 - 670 + 125 = 130$
87. **Answer:** (A)
 $3100 \div (3.3)^2 - 233 = ?$
 $3100 \div 11 - 233 = 51.66 \approx 52$
88. **Answer:** (C)
 $(3.99)^3 + (30.08)^2 - (5.99)^3 = ?$
 Apply approximation:
 $(4)^3 + (30)^2 - (6)^3 = ?$
 $64 + 900 - 216 = ?$
 $964 - 216 = ?$
 $? = 748$
89. **Answer:** (B)
 $(827 + 328 - 563) \div (712 - 41 \times 11) = ?$
 $592 \div 261 = ?$
 $? = 2.268$
 $? = 2$
90. **Answer:** (E)
 $\frac{32}{5} \times 248.65 = x \times 2398.59$
 $\frac{32}{5} \times \frac{250}{2400} = x$
 $x = \frac{2}{3}$
91. **Answer:** (C)
 20, 24, 36, 56, 84
 $20 + (4 \times 1) = 24$
 $24 + (4 \times 3) = 36$
 $36 + (4 \times 5) = 56$
 $56 + (4 \times 7) = 84$
 $84 + (4 \times 9) = 120$
92. **Answer:** (B)
 The pattern in the series is as follows:
 $20 - 8 = 12$
 $12 \times 3 = 36$
 $36 - 8 = 28$
 $28 \times 3 = 84$
 $84 - 8 = 72$
 $72 \times 3 = 216$
93. **Answer:** (D)
 In this simple subtraction with repetition series, each number is repeated, then 3 is subtracted to give the next number, which is then repeated, and so on.
94. **Answer:** (B)
 There are two alternating patterns with every other number following a different pattern. The first pattern begins with 13 and adds 2 to each number to arrive at the next; the alternating pattern begins with 29 and subtracts 3 each time.

95. **Answer:** (A)
 $15 - 14 = 1 = 1^2$
 $23 - 15 = 8 = 2^3$
 $32 - 23 = 9 = 3^2$
 $96 - 32 = 64 = 4^3$
 $121 - 96 = 25 = 5^2$
Therefore, the missing term is 121.
96. **Answer:** (A)
Let Anju's salary be x .
Manju's salary will be $x + 25\%$ of x , i.e. $1.25x$.
Now, difference between their salaries = $1.25x - x$
 $= 0.25x$
Anju's salary is less than Manju's salary by =
 $\frac{0.25x}{1.25x} \times 100 = 20\%$.
97. **Answer:** (A)
 $\frac{x}{2} + \frac{2}{5}y = \frac{3}{4}y + \frac{x}{5}$
 $\frac{x}{2} - \frac{x}{5} = \frac{3y}{4} - \frac{2y}{5}$
 $\frac{x}{y} = \frac{10}{3} \times \frac{7}{20} = \frac{7}{6}$
 $x : y = 7 : 6$
98. **Answer:** (D)
 $\frac{x}{2} + \frac{x}{3} + \frac{x}{4} = 117$
 $6x + 4x + 3x = 117 \times 12$
 $\Rightarrow 13x = 117 \times 12 \Rightarrow x = \frac{117 \times 12}{13} = 108$
Numbers are:
 $\frac{1}{2} \times x = \frac{1}{2} \times 108 = 54$
 $\frac{1}{3} \times x = \frac{1}{3} \times 108 = 36$
and $\frac{1}{4} \times x = \frac{1}{4} \times 108 = 27$
Now, new ratio is $2 : 3 : 4$.
 $2x + 3x + 4x = 117 \Rightarrow 9x = 117 \Rightarrow x = 13$
Numbers are:
 $2x = 2 \times 13 = 26$
 $3x = 3 \times 13 = 39$
 $4x = 4 \times 13 = 52$
C gained the most money by an amount of Rs. $52 -$
Rs. $27 =$ Rs. 25 .
99. **Answer:** (A)
Rs. 200 more interest is on account of 5% higher rate.
Rs. $200 = \frac{P \times 5 \times 4}{100}$
 $P =$ Rs. 1000
100. **Answer:** (A)
SP of goods = Rs. 875

$$MP = \frac{\frac{8}{5} \times 100}{100 - \text{discount \%}}$$

$$= \frac{\frac{8}{5} \times 100}{100 - 12.5} = \text{Rs. } 1000$$

Let CP = Rs. x

Now, $x + 25\%$ of $x = 1000$

Or $1.25x = 1000$

$$x = \frac{1000}{1.25}$$

$x =$ Rs. 800

101. **Answer:** (A)

Given: $A : B = 2 : 3$; $B : C = 4 : 5$

Equalising common quantity B by LCM;

LCM of 3 and 4 = 12

$A : B = 2 \times 4 : 3 \times 4 \Rightarrow 8 : 12$

$B : C = 4 \times 3 : 5 \times 3 \Rightarrow 12 : 15$

$A : B : C = 8 : 12 : 15$

Let the common ratio be x .

Then, share of A = $8x$; share of B = $12x$; share of C = $15x$

Total amount = Rs. 9800

$8x + 12x + 15x = 9800 \Rightarrow 35x = 9800$

$$x = \frac{9800}{35} \Rightarrow 280$$

A's share = $8 \times 280 \Rightarrow$ Rs. 2240

B's share = $12 \times 280 \Rightarrow$ Rs. 3360

C's share = $15 \times 280 \Rightarrow$ Rs. 4200

102. **Answer:** (B)

Let 1 man's 1 day's work = x

Let 1 woman's 1 day's work = y .

Then,

$$10x = \frac{1}{20} \text{ and } 20y = \frac{1}{15}$$

$$x = \frac{1}{200} \text{ and } y = \frac{1}{300}$$

(5 men + 10 women)'s 1 day's work =

$$\frac{5}{200} + \frac{10}{300} = \frac{1}{120}$$

So, they will finish the work in $\frac{120}{7} =$

$17\frac{1}{7}$ days.

103. **Answer:** (C)

Assume that it takes ' d ' days for the work to be completed.

A works for $(d - 8)$ days.

B works for $(d - 4)$ days.

C works for $(d - 5)$ days.

$$\frac{d-8}{20} + \frac{d-4}{30} + \frac{d-5}{40} = 1$$

$$\frac{6d - 48 + 4d - 16 + 3d - 15}{120} = 1$$

$$\frac{13d - 79}{120} = 1$$

$$d = 15\frac{4}{13} \text{ days}$$

104. **Answer:** (B)

$$\begin{aligned} \text{Length of the train} &= S \times T \\ &= 36 \text{ kmph} \times 8 \text{ sec} \\ &= 36 \times \frac{1000}{3600} \times 8 = 80 \text{ m} \end{aligned}$$

105. **Answer:** (D)

$$\text{Total distance covered by Raju in 3 weeks} = 3((2 \times 1250) + (4 \times 1500)) \text{ m} = 25.5 \text{ km}$$

106. **Answer:** (D)

Let the rate of interest be $x\%$.

A.T.Q.

$$\frac{6000 \times x \times 3}{100} + \frac{5000 \times x \times 2}{100} = 2800$$

$$280x = 2800$$

$$x = 10\%$$

107. **Answer:** (D)

Let each installment = Rs. x

Let the principal for 1st, 2nd and 3rd years be P_1 , P_2 and P_3 , respectively.

$$\therefore x = P_1 \left(1 + \frac{10}{100}\right)^1 = P_1 \left(\frac{11}{10}\right)^1$$

$$P_1 = \frac{10}{11} x$$

$$\text{Similarly, } P_2 = \left(\frac{10}{11}\right)^2 x$$

$$\text{and } P_3 = \left(\frac{10}{11}\right)^3 x$$

$$\therefore P_1 + P_2 + P_3$$

$$= \frac{10}{11} x + \left(\frac{10}{11}\right)^2 x + \left(\frac{10}{11}\right)^3 x$$

$$16550 = \frac{10}{11} x \left(1 + \frac{10}{11} + \frac{100}{121}\right)$$

$$= \frac{10}{11} x \left(\frac{121 + 110 + 100}{121}\right)$$

$$= \frac{10}{11} x \frac{331}{121}$$

$$x = \frac{16550 \times 11 \times 121}{10 \times 331}$$

$$= \text{Rs. } 6655$$

108. **Answer:** (C)

Let CP of CDs be x .

SP at 18% profit = $1.18x$

SP at 20% profit = $1.20x$

According to the question,

$$1.18x + 20 = 1.20x$$

$$0.02x = 20$$

$$x = 20 \times \frac{100}{2}$$

$$x = 1000$$

109. **Answer:** (A)

In the second case, if the number of men, their efficiency and their working hours are all increased by 25% (i.e. $\frac{5}{4}$ times), then the number

of days required will be $\frac{4}{5} \times \frac{4}{5} \times \frac{4}{5}$ times.

i.e. $\frac{64}{125}$ times.

If 'd' is the number of estimated days, then

$$d - \frac{64}{125} d = 61$$

$$\Rightarrow d = 125$$

110. **Answer:** (C)

$$\text{Speed of A} = 36 \text{ km/hr} = \frac{5}{18} \times 36 = 10 \text{ m/s}$$

Similarly, speed of B = 15 m/s

So, in 1 second, B covers 5 m extra than A.

So, the distance between them will be 5 m.

So, in 2 minutes, i.e. 120 seconds, the distance between them will be $120 \times 5 \text{ m} = 600 \text{ m}$.

111. **Answer:** (B)

Let the numbers of Re. 1, Rs. 2 and Rs. 5 coins be x , y , and z , respectively.

$$\text{Then, } x + y + z = 300 \quad \dots\dots\dots (1)$$

$$1x + 2y + 5z = 960 \quad \dots\dots\dots (2)$$

$$2x + 1y + 5z = 920 \quad \dots\dots\dots (3)$$

Solve the three equations for x , y , and z to get the number of 5-rupee coins = 140.

112. **Answer:** (C)

Let us assume that Mr. x maintained the speed of 40 kmph up to a distance of d km.

$$\text{Time taken by him} = \frac{d}{40} + \frac{(240-d)}{60}$$

$$\text{Time taken by Mr. } y = \frac{120}{30} + \frac{120}{80} = 5\frac{1}{2} \text{ hr}$$

Since both of these are equal, so

$$\frac{d}{40} + \frac{(240-d)}{60} = 5\frac{1}{2}$$

$$d = 180 \text{ km}$$

113. **Answer:** (C)

Assume that there are 500, 400 and 500 litres in A, B and C, respectively.

Then, we have 83.33, 150 and 208.33 litres of milk in A, B and C, respectively.

Thus, the total milk is 441.66 litres.

Hence, the amount of water in the mixture is

$$1400 - 441.66 = 958.33 \text{ litres}$$

Hence, the ratio of milk to water is 441.66 : 958.33 = 53 : 115.

114. **Answer: (B)**

Milk Water Total

30 20 50

30 --- 30

60 20 80

Milk : Water = 60 : 20 = 3 : 1

115. **Answer: (A)**

Apply direct formula:

Selling price of the mixture =

$$\left\{ \frac{(20 \times 8.5 + 30 \times 9.75)}{50} \right\} \times 1.25$$

= Rs. 11.56 ≈ Rs.

11.50

116. **Answer: (C)**

$$\text{Percentage decrease} = \frac{117.8 - 108.5}{117.8} \times 100 =$$

7.9%

117. **Answer: (A)**

$$(9 + 3) : 18 = 12 : 18 = 2 : 3$$

118. **Answer: (D)**

Average number of shipments =

$$\frac{117.8 + 116.2 + 92.8 + 102.7 + 108.5}{5} = 107.63$$

119. **Answer: (B)**

Percentage difference = $(45 - 17 - 8) = 20\%$

Difference between numbers of shipments

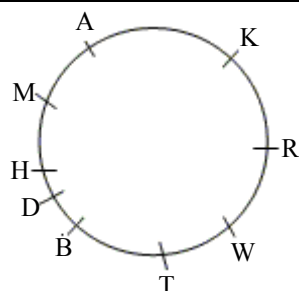
$$= \frac{20}{100} \times 108.5 = 21.7 \text{ M}$$

120. **Answer: (B)**

Decrease in market share from 3Q08 to 3Q09 = $39\% - 37\% = 2\%$

$$\text{Percentage decrease} = \frac{2}{39} \times 100 = 5.13\%$$

Solution for Questions 121 – 125:



121. **Answer: (B)**

122. **Answer: (D)**

R (None of these)

123. **Answer: (C)**

K

124. **Answer: (A)**

H

125. **Answer: (D)**

WKR

Solutions for questions 126 – 130:

Name	Floor
Gyani	8
Himesh	7
Qareem	6
Puneet	5
Sahil	4
Fazal	3
Eshan	2
Raheem	1

126. **Answer: (A)**

127. **Answer: (A)**

128. **Answer: (C)**

129. **Answer: (A)**

130. **Answer: (B)**

131. **Answer: (A)**

1	2	3	4	5	6	7	8	9	10	11	12	13
A	B	C	D	E	F	G	H	I	J	K	L	M

Z	Y	X	W	V	U	T	S	R	Q	P	O	N
26	25	24	23	22	21	20	19	18	17	16	15	14

This is the correct option because it is following this pattern in clockwise direction for each letter respectively.

Now there are two series in the question. 1st series starts with 2 and every element is the square of the previous element and 2nd series is formed by multiplying 2 with each element starting with 3 +2, +3, +4, +6, +16, +12, +256, 24 and when the numbers become two or three figured, it again adds up to make it a single figured number like 256 becomes 2 + 5 + 6 = 13, which becomes 1 + 3 = 4....

For example, 'R' is coded as 'U' in KANGAROO" and when the numbers become two figured, it is again added up to make it a single figured number, like 16 becomes 1 + 6 = 7.

132. **Answer: (E)**

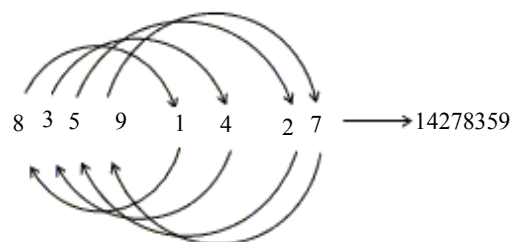
BUILDER → IUBLRED → JVCKSFE

SEALING → AESLGNI → BFTKHOJ

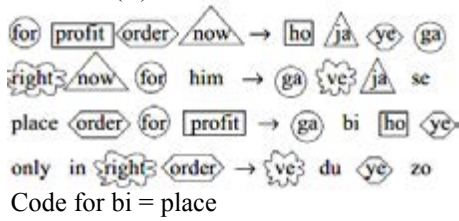
133. **Answer: (D)**

Milk is white, but white is called brown. Therefore, the answer is option (D).

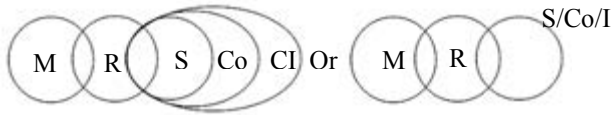
134. **Answer: (A)**



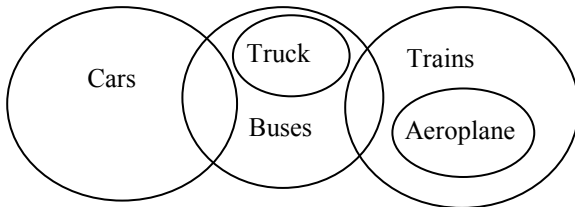
135. **Answer: (C)**



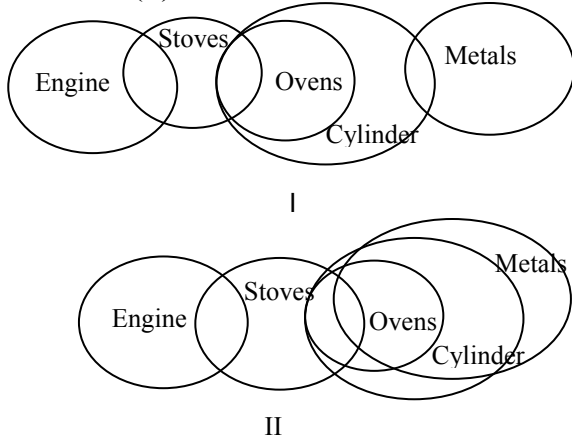
136. **Answer: (E)**



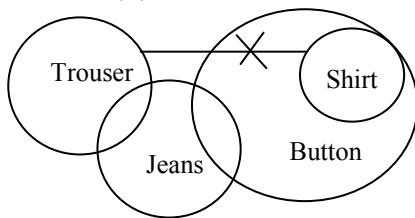
137. **Answer: (A)**



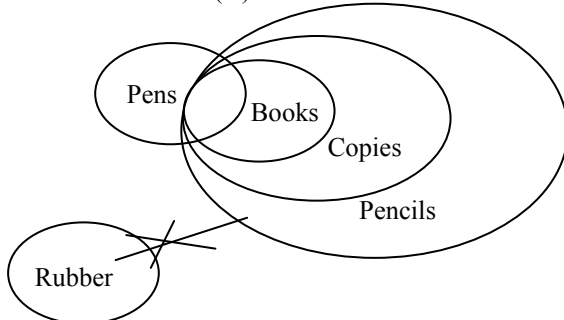
138. **Answer: (D)**



139. **Answer: (B)**



140. **Answer: (D)**



141. **Answer: (B)**

TOLERANT will be written as SPKFQBMS when each consonant is replaced by the previous letter in the English alphabet and each vowel in the word is replaced by the next letter in the English alphabet. Now letters are arranged alphabetically. The word will become BFKMPQSS.

142. **Answer: (D)**

G, H, J, M, ----

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

The difference is increasing by one.

According to series, Q is the answer.

143. **Answer: (D)**

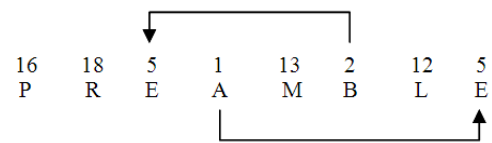
DEB, IJG, NOL, ?, XYV

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

144. **Answer: (A)**

M is 9th letter from left end.

145. **Answer: (C)**

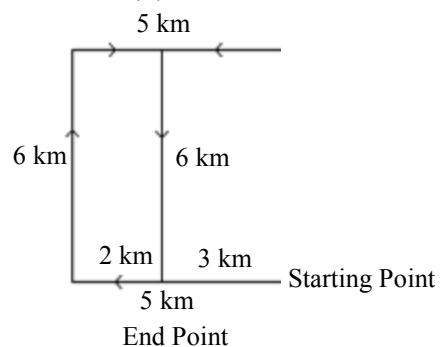


There are two such pairs of letters, i.e. AE, BE.

146. **Answer: (C)**

Nivedita is 15th from the left and Vimla is 23rd from the right. If they interchange their positions, Nivedita becomes 18th from the left, which implies that there are two girls between them. Now, position of Vimla from the right will be $23 + 3 = 26^{\text{th}}$.

147. **Answer: (E)**



148. **Answer: (D)**

M – T ⇒ M is brother of T.

T ÷ J ⇒ T is father of J.

J – R ⇒ J is brother of R.

Therefore, M is uncle of R.

R – T ⇒ R is brother of T.

T ÷ M ⇒ T is father of M.

M – K ⇒ M is brother of K.

Therefore, M is nephew of R.

R + T ⇒ R is sister of T.

T ÷ M ⇒ T is father of M.

$M + K \Rightarrow M$ is sister of K .

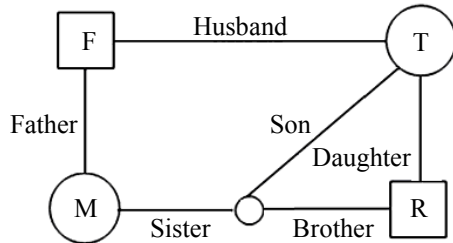
Therefore, M is niece of R .

149. **Answer:** (D)

N is the sister of L . L is the mother of M .

Therefore, N will be the aunt of M .

150. **Answer:** (D)



151. **Answer:** (D)

$R @ D \Rightarrow R \leq D$

$D \odot W \Rightarrow D > W$

$B \$ W \Rightarrow B \geq W$

Therefore, $R \leq D > W \leq B$

Conclusions:

I. $W \# R \Rightarrow W < R$: Not true

II. $B \odot D \Rightarrow B > D$: Not true

III. $W \$ R \Rightarrow W \geq R$: Not true

W is either smaller or greater than or equal to R .

152. **Answer:** (C)

$H \$ V \Rightarrow H \geq V$

$V \$ M \Rightarrow V = M$

$K \odot M \Rightarrow K > M$

Therefore, $H \geq V = M < K$

Conclusions:

I. $K \odot V \Rightarrow K > V$: True

II. $M @ H \Rightarrow M \leq H$: True

III. $H \odot K \Rightarrow H > K$: Not true

153. **Answer:** (A)

$K \# T \Rightarrow K < T$

$T \$ B \Rightarrow T \geq B$

$B @ F \Rightarrow B \leq F$

Therefore, $K < T \geq B \leq F$

Conclusions:

I. $F \$ T \Rightarrow F \geq T$: Not true

II. $K \# B \Rightarrow K < B$: Not true

III. $T \$ F \Rightarrow T \geq F$: Not true

154. **Answer:** (A)

$Z \# F \Rightarrow Z < F$

$R @ F \Rightarrow R \leq F$

$D \odot R \Rightarrow D > R$

Therefore,

$Z < F \geq R < D$

Conclusions:

I. $Z \# R \Rightarrow Z < R$: Not true

II. $F \# D \Rightarrow F < D$: Not true

III. $D \odot Z \Rightarrow D > Z$: Not true

155. **Answer:** (B)

$M \odot R \Rightarrow M > R$

$R \% D \Rightarrow R = D$

$D @ N \Rightarrow D \leq N$

Therefore, $M > R = D \leq N$

Conclusions:

I. $M \odot N \Rightarrow M > N$: Not true

II. $N \$ R \Rightarrow N \geq R$: True

III. $M \odot D \Rightarrow M > D$: True

Solution for Questions 156 – 160:

Please give your pen $\rightarrow$ 1a 2b 3c 4d

Your questions is Important $\rightarrow$ 5e 6f 2b 7g

Important person keep pen $\rightarrow$ 7g 4d 8h 9i

Keep strong questions please $\rightarrow$ 6f 8h 3c jk

156. **Answer:** (B)

157. **Answer:** (C)

158. **Answer:** (D)

159. **Answer:** (D)

160. **Answer:** (A)

161. **Answer:** (C)

162. **Answer:** (C)

163. **Answer:** (A)

164. **Answer:** (D)

165. **Answer:** (C)

Most of the storage devices are magnetic.

166. **Answer:** (B)

Formatting is the process of dividing the disk into tracks and sectors so that the operating system can store and locate data and information on the disk.

167. **Answer:** (E)

Router, hub and switch are connecting devices.

168. **Answer:** (C)

169. **Answer:** (D)

170. **Answer:** (C)

171. **Answer:** (D)

172. **Answer:** (A)

173. **Answer:** (D)

174. **Answer:** (A)

175. **Answer:** (E)

176. **Answer:** (D)

177. **Answer:** (D)

178. **Answer:** (E)

179. **Answer:** (B)

180. **Answer:** (A)

181. **Answer:** (D)

182. **Answer:** (C)

183. **Answer:** (C)

184. **Answer:** (E)

185. **Answer:** (B)

186. **Answer:** (D)

187. **Answer:** (B)

188. **Answer:** (E)

189. **Answer:** (B)

190. **Answer:** (E)
191. **Answer:** (C)
192. **Answer:** (C)
193. **Answer:** (C)
194. **Answer:** (E)
195. **Answer:** (D)
196. **Answer:** (C)

197. **Answer:** (B)
198. **Answer:** (A)
199. **Answer:** (C)
200. **Answer:** (B)

**Additional Prelims and Main Papers with Answer Key as per Latest
Papers**

Mock Test Papers – Prelims

Mock Test Paper 11

Mock Test Paper 12

Mock Test Paper – Mains

Mock Test Paper 6

IBPS Clerical (Prelims) Mock Test – 11

English Language (30 Questions)

Directions for questions 1–10: Read the passage given below and answer the following questions.

Once upon a time there lived a vicious king, Raja Shankara – short-tempered and temperamental. “God I am,” he said to his image as he stared into the mirror everyday, many times a day. He was obsessed with himself. He loved no one but himself. He was blind towards the injustice in his kingdom, because he had little time for his subjects. He wasted most of his time in pouring milk and honey over himself.

Interruption in his possessed life was dealt with **stern** reprimanding, and sometimes on **petty** issues he would behead his servants. Provoked by his evil advisor Twishar, he went on with his self-indulged life, unaware of the plot his very devoted advisor was planning, a plot to dethrone the king, rule the kingdom with his wicked ways only to harness wealth and the reputation of a king.

One morning, the king went on his usual morning horseback rounds, but returned to the palace with an intense look on his face. He locked himself inside his palatial room only to unlock it at sundown. Just as the doors cracked open and Raja Shankara emerged from it, his wife rushed to embrace him. She feared a damaging incident had occurred.

The king spoke seldom that day and awoke the next day to make a proclamation to his servants and subjects. The whole kingdom feared what was in store for them from their angry king. But to their surprise, he said to all **gathered**, “From now on, I will be a different king. A softer and a patient king.”

True to his words from that day onwards, the king had truly turned on a new leaf; he cleaned out the corruption and injustice in a tender manner with punishments aimed to renew the person from within.

One fine day, his evil advisor gathered courage to ask the reason for his paradigm shift. And the king answered, When I went on horseback that morning a month ago, I noticed a dog **brutally** chasing a cat. The cat managed to sneak into a hole only after the dog bit her leg, maiming her for life. Not far, the dog barked at a farmer who picked up a sharp stone and hit it straight in the dog’s eye. Bleeding profusely, the dog yelped in pain. As the farmer walked on, he slipped on the edge of the road and broke his head.

All this happened in a matter of minutes before me, and then I realised that evil **begets** evil. I thought about it deeply and was ready to give up my worldly life for the

betterment of my subjects. I wanted to give up evil in me as I did not want evil to encounter me.

Sniggering away, the immoral advisor thought what a perfect time it was to dethrone the king, because the king had grown kind hearted and patient and would not endeavour a combat. Thinking how he would plan his attack, he stumbled over a step that took him hurling down the remaining steps, bringing him to a stop with a crash. He howled in pain only to discover he had broken the bones in both his legs.

- How can Raja Shankara be described before his transformation?
 - He was unjust.
 - He was preoccupied with himself.
 - He was cruel.

(A) Only (i) (B) Only (ii)
(C) Only (iii) (D) Only (i) and (ii)
(E) All the three (i), (ii) and (iii)
- What happened to Twishar in the end when he had thought of a plan to dethrone Raja Shankara?
 - He was beaten up by the king for having cheated him.
 - He was very apologetic for his behaviour.
 - He at last managed to be crowned as the king after successfully implementing his plan.
 - He fell down a flight of steps and broke both his legs.
 - None of these
- What proclamation did the Raja make to his subjects?
 - That he was giving up his throne for the betterment of the kingdom
 - That his advisor would be the king from then on
 - That he would be a better king to them than he had been all this while
 - That his subjects were not good enough to deserve better treatment than what was already being meted out to them
 - None of these
- What was the reason for Raja Shankara’s change in behaviour?
 - His advisor’s words had made him realise his mistake.

- (B) He had felt bad for a poor family on his tour around his kingdom.
 (C) His wife had betrayed him and hence he was upset.
 (D) He had realised that doing good to people would bring good to him.
 (E) None of these
5. Why did Twishar think that this was the best time to dethrone the Raja?
 (A) As the Raja was sick, ailing and was on his deathbed
 (B) As he knew that the Raja had finally lost his mind
 (C) As he knew that the Raja had become a soft-natured person and would not attempt to fight
 (D) As he was sure that he would be able to convince the people of the kingdom that the Raja had become weak
 (E) None of these

Directions for questions 6–8: Choose the word which is most similar in meaning to the word printed in bold as used in the passage.

6. **BEGETS**
 (A) Produces (B) Loses
 (C) Expects (D) Avoids
 (E) Calls
7. **STERN**
 (A) Severe (B) Tall
 (C) Easy (D) Tight
 (E) Hard
8. **GATHERED**
 (A) Partied (B) Assembled
 (C) Dispersed (D) Pooled
 (E) Collated

Directions for questions 9–10: Choose the word which is most opposite in meaning to the word printed in bold as used in the passage.

9. **PETTY**
 (A) Tremendous (B) Huge
 (C) Vast (D) Important
 (E) Frugal
10. **BRUTALLY**
 (A) Cruelly (B) Partly
 (C) Gently (D) Rarely
 (E) Harmfully

Directions for questions 11–20: Each of the following questions tests your ability to recognise grammar and usage errors. The following sentences contain either a single error or no error at all. The error, if there is one, is

underlined and lettered. If the sentence contains an error, select the underlined part that must be changed to make the sentence correct. If the sentence is correct, select option (E). In choosing the answer, follow the requirements of standard written English.

11. (a) Almost every (b) student brought (c) their books to (d) the first class. (e) No error
 (A) (a) (B) (b) (C) (c)
 (D) (d) (E) (e)
12. He (a) wishes to tax (b) not only the (c) luxuries of the rich but also the (d) necessaries of the poor. (e) No error
 (A) (a) (B) (b) (C) (c)
 (D) (d) (E) (e)
13. No programme (a) on T.V. (b) was as successful as the programme (c) sponsored (d) by Digjam industries. (e) No error
 (A) (a) (B) (b) (C) (c)
 (D) (d) (E) (e)
14. (a) Hardly had I (b) reached home (c) than the news of my friend's death (d) reached me. (e) No error
 (A) (a) (B) (b) (C) (c)
 (D) (d) (E) (e)
15. I (a) asked my colleague (b) that why he (c) was (d) so full of sorrow. (e) No error
 (A) (a) (B) (b) (C) (c)
 (D) (d) (E) (e)
16. I (a) neither ate the pie (b) nor the banana (c) still I got a shouting (d) from my mother for over eating. (e) No error
 (A) (a) (B) (b) (C) (c)
 (D) (d) (E) (e)
17. I (a) shall not (b) go to the party (c) at any cost (d) before my parents return. (e) No error
 (A) (a) (B) (b) (C) (c)
 (D) (d) (E) (e)
18. His father was (a) very annoyed (b) with him as he (c) did not come back (d) timely. (e) No error
 (A) (a) (B) (b) (C) (c)
 (D) (d) (E) (e)
19. Microwave ovens are (a) very helpful to women as (b) they can be pre-set to cook the food (c) when women are (d) away from the kitchen. (e) No error
 (A) (a) (B) (b) (C) (c)
 (D) (d) (E) (e)
20. (a) Until you respect (b) others (c) they will also respect (d) you. (e) No error
 (A) (a) (B) (b) (C) (c)
 (D) (d) (E) (e)

Directions for questions 21–30: In the following passage, there are some blanks, each of which has been numbered. Against each blank, five words are suggested. Choose the one which fits the blank appropriately.

There was a man who had four sons. He ____ (21) ____ his sons to learn not to judge things too quickly. So he sent them each on ____ (22) ____, in turn, to go and look at a pear tree that was a great distance away. The first son went in the winter, the second in the spring, the third in summer, and the youngest son in autumn. When they had all gone and come back, he ____ (23) ____ them together to ____ (24) ____ what they had seen. The first son said that the tree was ugly, bent, and twisted. The second son said, “No! It was covered with green buds and full of promise.” The third son disagreed; he said it was laden with blossoms that ____ (25) ____ so sweet and looked so beautiful, it was the most graceful thing he had ____ (26) ____ seen. The last son disagreed with all of them; he said it was ripe and drooping with fruit, full of life and fulfilment. The man then ____ (27) ____ to his sons that they all were right, because they had each seen but only one ____ (28) ____ in the tree’s life. He told them that you ____ (29) ____ judge a tree, or a person, by only one season, and that the ____ (30) ____ of who they are and the pleasure, joy, and love that comes from that life can only be measured at the end, when all the seasons are over.

21. (A) created (B) wanted
(C) placed (D) meant
(E) teach

22. (A) a quest (B) an airplane
(C) an expedition (D) a pilgrimage
(E) a movement
23. (A) followed (B) tied
(C) called (D) said
(E) bound
24. (A) all (B) predict
(C) maintain (D) describe
(E) talk
25. (A) was (B) fell
(C) colour (D) smelled
(E) cooked
26. (A) worriedly (B) mostly
(C) ever (D) forever
(E) forcefully
27. (A) tell (B) leaked
(C) reprimanded (D) stood
(E) explained
28. (A) flower (B) season
(C) ground (D) more
(E) leaf
29. (A) let (B) not
(C) must (D) should
(E) cannot
30. (A) essence (B) danger
(C) tree (D) fear
(E) journey

Numerical Ability (35 Questions)

Directions for questions 31–35: Choose the number that will come in place of the question mark (?) in the following number series:

31. 9, 19, 58, 233, ?, 6997
(A) 1023 (B) 1120
(C) 1166 (D) 1205
(E) 1300
32. 12, 15, 21, 32, ?, 77, 115
(A) 40 (B) 45 (C) 50
(D) 55 (E) 60
33. 2.5, 7.5, 22.5, ?, 202.5, 607.5
(A) 30.5 (B) 45.5
(C) 57.5
(D) 67.5 (E) 88.5
34. 10, 25, 50, 125, 250, ?, 1250
(A) 500 (B) 525 (C) 550
(D) 600 (E) 625
35. 10, 24, 52, ?, 220, 444
(A) 76 (B) 84 (C) 96
(D) 108 (E) 125

Directions for questions 36–50: What should come in place of the question mark (?) in the following equations?

36. $234 + 1456 + 875 + ? = 7543 - 563 + 653$
(A) 4431 (B) 4875
(C) 5068 (D) 5462
(E) 5970
37. $12\% \text{ of } 560 + ?\% \text{ of } 2400 = 846 - 250.8$
(A) 31 (B) 28 (C) 25
(D) 22 (E) 19
38. $\sqrt{(676) - (9)^2} + (4)^2 = ? - 48$
(A) 5 (B) 9 (C) 11
(D) 12 (E) 15

39. $\frac{3}{4}$ of $\frac{1}{7}$ of $\frac{21}{25}$ of 100 = ?
 (A) 9 (B) 11 (C) 14
 (D) 15 (E) 18
40. $\frac{12 \times 34 - 8 \times 19}{? - 6 \times 17} = 1$
 (A) 371 (B) 358 (C) 325
 (D) 296 (E) 257
41. $12.3 \times 5 + 6.5 - 9.8 = 21.3 + ?$
 (A) 26.1 (B) 28.5
 (C) 31.4
 (D) 36.9 (E) 41.2
42. $\sqrt[3]{(31)^2 - (618)} + ? = (15)^2 - 18$
 (A) 234 (B) 200 (C) 187
 (D) 154 (E) 131
43. $? \div 4 = 18\% \text{ of } 1975$
 (A) 945 (B) 1098
 (C) 1165 (D) 1234
 (E) 1422
44. $(7612 - 141 - 2665) \div (576 - 487) = ?$
 (A) 61 (B) 58 (C) 54
 (D) 50 (E) 47
45. $375 \div ? \times 14 = 350$
 (A) 13 (B) 15 (C) 16
 (D) 17 (E) 19
46. $? = 8\% \text{ of } 151 - 21\% \text{ of } 11$
 (A) 9.77 (B) 8.60
 (C) 7.53 (D) 6.21
 (E) 5.46
47. $1\frac{2}{5} + 3\frac{1}{5} + ? = 3\frac{3}{5} + 2\frac{2}{5}$
 (A) $1\frac{2}{5}$ (B) $2\frac{2}{5}$ (C) $1\frac{1}{5}$
 (D) $3\frac{3}{5}$ (E) $1\frac{4}{5}$
48. $(15.5)^2 + ? = 812.50$
 (A) 572.25 (B) 571.25
 (C) 572.75 (D) 573.25
 (E) 588.50
49. $17 \times 64 + (11)^2 + ? = 654 + 4232 - 186$
 (A) 2653 (B) 2876
 (C) 3124 (D) 3491
 (E) 3865
50. $23\% \text{ of } 150 + ?\% \text{ of } 2 - 11.23 = 32.758$
 (A) 474.4 (B) 456.5
 (C) 432.1 (D) 402.3
 (E) 387.6
51. In a certain university, 50% of the total students are Liberal Arts students, 30% are Education students and the remaining are enrolled in other areas. If 80% of all the students take Mathematics, what is the least possible percentage of Education students that take Mathematics?
 (A) 10% (B) 30%
 (C) $33\frac{1}{3}\%$ (D) 50%
 (E) 60%
52. The population of a town increases 20% per year. If the present population is 1,44,000, then what was the population of the town 2 years ago?
 (A) 0.5 lakh (B) 1 lakh
 (C) 1.2 lakh (D) 1.25 lakh
 (E) 1.3 lakh
53. Twelve years hence, the ratio of ages of Anita and Pankaj will be 25 : 33. Eight years ago, the ratio of ages of Anita and Pankaj was 5 : 13. What is the sum of the present ages of Anita and Pankaj?
 (A) 51 years (B) 42 years
 (C) 34 years (D) 22 years
 (E) 21 years
54. Two pipes P and Q can fill a tank with capacity 120 litres in 12 hr and 15 hr, respectively. Both the pipes are opened and closed after 3 hr. How much more water (in litres) is required to fill the tank completely?
 (A) 48 litres (B) 54 litres
 (C) 60 litres (D) 66 litres
 (E) 74 litres
55. Jay goes to his grandfather's house from his own house at a speed of 4 km/hr and returns to his house at a speed of 3 km/hr. If it takes Jay 7 hr in total, then find the distance between Jay's house and his grandfather's house.
 (A) 7 km (B) 12 km
 (C) 15 km (D) 20 km
 (E) 24 km
56. The simple interest on a certain sum at 10% per annum for 3 years is Rs. 1110 more than the simple interest on the same sum at 8% per annum for the same period. Find the sum.
 (A) Rs. 19,000 (B) Rs. 18,500
 (C) Rs. 17,200 (D) Rs. 16,120
 (E) Rs. 15,450
57. If the numerator of a fraction is decreased by 15% and the denominator of the fraction is increased by

120%, the answer obtained is $\frac{17}{15}$. Find the original fraction.

- (A) $\frac{9}{17}$ (B) $\frac{14}{29}$ (C) $\frac{44}{15}$
 (D) $\frac{32}{15}$ (E) $\frac{44}{15}$

58. Deepak sells an item at a loss of 25%. If the selling price of the item is increased by Rs. 62, there will be a gain of 6%. Find the cost price of the item.
 (A) Rs. 200 (B) Rs. 225
 (C) Rs. 280 (D) Rs. 315
 (E) Rs. 354
59. Rohan is 3 times as good workman as his friend Sam. Rohan is able to complete the task in 28 days less than Sam. In how many days will they be able to complete the work, if they work together?
 (A) $4\frac{1}{3}$ days (B) $5\frac{3}{4}$ days
 (C) $6\frac{1}{4}$ days (D) $7\frac{2}{5}$ days
 (E) $10\frac{1}{2}$ days
60. The average age of students in a class is 14 years. The average age of girls is 12.5 years and that of boys is 16 years. Find the ratio of the number of boys to that of girls.
 (A) 5 : 4 (B) 1 : 4
 (C) 2 : 5 (D) 1 : 7
 (E) 3 : 4

Directions for questions 61–65: The following table shows the number of tickets sold in a circus organised in five different cities (D, E, F, G and H) on different days of a week.

Days/Cities	D	E	F	G	H
Saturday	121	146	102	142	124
Sunday	156	172	99	138	133

Monday	89	104	89	65	112
Tuesday	76	79	85	78	71
Wednesday	77	81	90	82	82

61. Find the average number of tickets sold in city G over the given days.
 (A) 98 (B) 101 (C) 104
 (D) 110 (E) 118
62. What is the difference between the total number of tickets sold in city E on Monday, Tuesday and Wednesday together and the total number of tickets sold in city H on Saturday and Sunday together?
 (A) 7 (B) 12 (C) 17
 (D) 21 (E) 25
63. What is the ratio of the total number of tickets sold on Saturday and Monday in the given cities to the total number of tickets sold in city F over the given days?
 (A) 12 : 19 (B) 55 : 199
 (C) 233 : 111 (D) 582 : 11
 (E) 1094 : 465
64. Total number of tickets sold on Sunday is approximately what percent of the total number of tickets sold on Tuesday and Wednesday in all the given cities?
 (A) 94% (B) 91%
 (C) 87% (D) 84%
 (E) 80%
65. What is the approximate difference between the average number of tickets sold in city D and that in city F?
 (A) 11 (B) 18 (C) 27
 (D) 33 (E) 39

Reasoning Ability (35 Questions)

Directions for questions 66–70: Study the given information carefully to answer the questions that follow. Assuming the given statements to be true, find out which of the two conclusion/conclusions I and II, given below them, is/are definitely true. Give answer:

- (A) if only conclusion I is true
 (B) if only conclusion II is true
 (C) if either conclusion I or conclusion II is true
 (D) if neither conclusions I nor conclusion II is true

(E) if both conclusions I and II are true

66. **Statements:** $B > R$, $N = J$, $B < J$

Conclusions:

I. $N > R$

II. $B > N$

67. **Statements:** $P \geq N$, $P \leq T$, $N \geq S$

Conclusions:

- I. $T > S$
 II. $T = S$

68. **Statements:** $R \leq T, J > T, S < R$

Conclusions:

- I. $T > S$
 II. $R < J$

69. **Statements:** $Z \geq K, F < T, F \geq Z$

Conclusions:

- I. $F \leq K$
 II. $T < Z$

70. **Statements:** $Q \leq O, P < J, Q > J$

Conclusions:

- I. $O \leq J$
 II. $Q > P$

Directions for questions 71–75: Study the following information carefully and answer the questions that follow.

G, H, I, J, K, L, M and N are sitting around a circular table facing outside (not necessarily in the same order). I is neither an immediate neighbour of H nor an immediate neighbour of L. H is second to the left of J. L and K are immediate neighbours of G. M is third to the right of I.

71. Who among the following sits second to the right of the person who is sitting immediate to the left of K?

- (A) H (B) I (C) J
 (D) L (E) M

72. Starting from G's position, if all the eight were arranged in alphabetical order in clockwise direction, the seating position of how many members (excluding G) does not change?

- (A) None (B) One
 (C) Two (D) Three
 (E) Four

73. Which of the following pairs has only one person sitting between them, if the counting is done in anticlockwise direction from first person?

- (A) H, I (B) N, M (C) J, L
 (D) K, I (E) M, K

74. Who sits to the immediate right of N?

- (A) K (B) I (C) H
 (D) M (E) J

75. What is the position of N with respect to K?

- (A) Immediate left
 (B) Immediate right
 (C) Second to the left
 (D) Second to the right
 (E) Third to the left

Directions for questions 76–80: Study the following information carefully and answer the questions that follow.

Eight people are sitting in two parallel rows containing four people each in such a way that there is an equal distance between adjacent persons. In row 1 – I, J, K and L – are seated and all of them are facing south. In row 2 – U, V, W and X – are seated and all of them are facing north. Therefore, in the given seating arrangement each member seated in a row faces another member of the other row. K and I are immediate neighbours of J. X, who is third to the left of V, is facing K. J does not face U.

76. Who amongst the following sits immediate to the right of person who faces U?

- (A) I (B) J (C) K
 (D) L (E) Cannot be determined

77. Four of the following five are alike in certain way and, thus, formed a group. Which is the one that does not belong to that group?

- (A) J (B) I (C) W
 (D) K (E) U

78. Which of the following is true regarding W?

- (A) X is immediate to the right of W.
 (B) V is immediate neighbour of W.
 (C) J faces W.
 (D) The person sitting opposite to W is immediate neighbour of L.
 (E) Both 1 and 3

79. Who amongst the following faces L?

- (A) U (B) V (C) W
 (D) X (E) Cannot be determined

80. Who amongst the following faces the person sitting immediate to the right of W?

- (A) I (B) J (C) K
 (D) L (E) Cannot be determined

Directions for questions 81–85: To answer these questions, carefully study the following arrangement of symbols, digits and letters.

N D & 9 U + 1 3 J # D L % M ? 8 2 E Q 2 = 6 R 3
 F 3 ; D 5

81. If all the special characters are deleted from above arrangement, which of the following is second to the right to the element which is sixth from right end of new arrangement?

- (A) 3 (B) F (C) 2
 (D) 1 (E) J

82. How many such letters are there in the above arrangement, each of which is immediately preceded by a number?

- (A) 5 (B) 4 (C) 3
(D) 2 (E) 1

83. '& D' is to 'J + 1' and 'L D' is to 'E ? 8' in the same way as '= 2' is to _____ in the arrangement.
(A) 3 6 R (B) D F 3
(C) 5 3 ; (D) ; 3 F
(E) F 6 R
84. How many such numbers are there in the above arrangement, each of which is immediately followed by a special character?
(A) None (B) One
(C) Two (D) Three
(E) Four
85. If all the numbers are deleted from the above arrangement, then which of the following will be the third to the left of eighth element from the right?
(A) L (B) Q (C) =
(D) M (E) +
86. If FRANCE is coded as 123456 and GERMANY is coded as 7628349, then FARMER will be coded as
(A) 132862 (B) 132762
(C) 132662 (D) 132562
(E) 135432

Directions: In the following question, find out how many such pairs of letters are there in the given word, each of which has as many letters between them in the word as in the English alphabet.

87. **ORIENTAL**
(A) Nil (B) One
(C) Two (D) Three
(E) More than three
88. If it is a possible to make a meaningful word from the first, the fourth, the seventh and the ninth letters of the word PESTICIDE, then last letter of the word is your answer. If more than one such word can be formed, give 'M' as your answer; and if no such word can be formed, give 'X' as your answer.
(A) E (B) T (C) P
(D) M (E) X
89. How many such pairs of numbers are there in the 6582931, each of which has as many numbers between them in the number as they have in the numeric series?
(A) 1 (B) 2 (C) 3
(D) 4 (E) None of these
90. Fill the missing term of the given series.
P₅QA, P₄QC, P₃QE, _____, P₁QI

- (A) PQG (B) PQG₂
(C) P₂QG (D) PQ₃G
(E) P₂QF

Directions for questions 91–95: These questions are based on the following five words:

ASH BIO MAD WEB FAT

(Note: The words formed after performing the given operations may or may not be meaningful English words.)

91. If the last alphabet in each of the word is changed to the previous alphabet in English alphabetical order and the first alphabet in each of the word is changed to the next alphabet in English alphabetical order, how many words thus formed have more than one vowel?
(A) None (B) One
(C) Two (D) Three
(E) Four
92. If, in each of the words, all the alphabets are arranged in English alphabetical order within the word, in how many words the middle letter will be a vowel?
(A) None (B) One
(C) Two (D) Three
(E) Four
93. How many letters are there in the English alphabetical series between the second letter of the second word from the left and first letter of the third word from the right?
(A) None (B) One
(C) Two (D) Three
(E) Four
94. If the given words are arranged in the order as they would appear in the English dictionary from right to left, which of the following will be the fourth from the left?
(A) MAD (B) WEB
(C) FAT (D) BIO
(E) ASH
95. In the given words, if each of the consonants is changed to the previous letter and each vowel is changed to the next letter in English alphabetical series, in how many words thus formed will there be exactly one vowel?
(A) 5 (B) 4 (C) 3
(D) 2 (E) 1

Directions for questions 96–100: Study the following information and answer the questions that follow.

I, J, K, L, M, N, O and P are sitting in a straight line facing south. J and N are not immediate neighbours. L sits third to the left of P who sits second to the right of O. N

sits at extreme end. I and M are immediate neighbours. I sits third to the right of N.

96. If all the given alphabets are arranged in ascending order from left to right, positions of how many of them will remain unchanged?
(A) Four (B) Three
(C) Two (D) One
(E) None
97. Which amongst the following two are sitting exactly in the middle of the line?
(A) J and O (B) O and L
(C) L and I (D) I and M
(E) M and K
98. Based on the given arrangement, J is related to L and O is related to I in a same way as M is related to?
(A) K (B) N (C) P
(D) O (E) None of these
99. How many persons are sitting between O and K?
(A) Four (B) Three
(C) Two (D) One
(E) None
100. Who is sitting third to the left of J?
(A) O (B) L (C) I
(D) M (E) K

IBPS Clerical (Prelims) Mock Test – 12

English Language (30 Questions)

Directions for questions 1–10: Read the passage given below and answer the following questions.

Long time ago, there was a country, where the people would change a king every year. The person who would become the king had to agree to a **contract** that he would be sent to an island after 1 year of his being a king.

One king had finished his term, and it was time for him to go to the island and live there. The people dressed him up in expensive clothes and put him on an elephant and took him around the cities to say goodbye to all the people. This was a moment of sadness for all kings who ruled for 1 year. After **bidding** farewell, the people took the king to a remote island in a boat and left him there. On their way back, they discovered a ship that had sunk just recently. They saw a young man who had **survived** by holding on to a floating piece of wood. As they needed a new king, they picked up the young man and took him to their country. They requested him to be king for a year. First he refused, but later he agreed to be the king. After 3 days of being a king, he asked the ministers if they could show him the island where all the other kings were sent. The island was covered with a thick jungle and sounds of **vicious** animals were heard coming out of it. Soon, he discovered dead bodies of all the past kings. He understood that as soon as they were left on the island, the wild animals had come and killed them.

The king went back to the country and collected 100 strong workers. He took them to the island and instructed them to clean the jungle, remove all the deadly animals and cut down all excess trees. Over the months, the island turned into a beautiful place. The young king would wear simple clothes and spend very little from his earnings as a king. He sent all the earnings to the island for storage. When 9 months passed like this, the king called the ministers and told them, “I know that I have to go to the island after 1 year, but I would like to go there right now.” But the ministers didn’t agree to this and said that he had to wait for another 3 months to complete the year.

After the completion of his term, he was put on an elephant to take him around the country to say goodbye to the citizens. However, this king was unusually happy to leave the kingdom. People asked him, “All the other kings would cry at this moment. Why is it that you are laughing?” He replied, “While all the other kings were lost into the luxuries of the kingdom, I always thought about the future and planned for it. I turned the deadly island into a beautiful **abode** for me where I can stay peacefully.”

1. What would happen to the king once his term of 1 year was over?
 - (A) He would be paraded around the cities to say goodbye and then be taken to a remote island.
 - (B) He would be gifted with expensive clothes and jewellery.
 - (C) He would be sent to an island where a lot of work was required to be done.
 - (D) He would be asked to buy an elephant and go to the remote island himself.
 - (E) None of these
2. What did the young man notice on his visit to the remote island after 3 days of being king?
 - (A) That the animals on the island were too many and they could not be killed by a single man
 - (B) That the island was very big and had deep trenches and high mountains
 - (C) That the previous kings had been killed by the wild animals on the island
 - (D) That the island was made very beautiful and clean with the help of the workers
 - (E) Not mentioned in the passage
3. Which of the following describe(s) the young king correctly?
 - (i) He was intelligent.
 - (ii) He had foresight.
 - (iii) He was cunning.
 - (A) Only (i)
 - (B) Both (i) and (ii)
 - (C) Only (iii)
 - (D) Both (ii) and (iii)
 - (E) All (i), (ii) and (iii)
4. What was the king’s request to the ministers after the completion of nine months?
 - (A) That he should not be sent to the island after the completion of 1 year
 - (B) That he should be allowed to go to the island immediately
 - (C) That he should be paid more in order to improve work on the island
 - (D) That he should be sent to the island after a year
 - (E) None of these
5. Why were the people of the kingdom puzzled when the young king was taken around the country to say goodbye to everyone?
 - (A) They could not believe that 1 year had elapsed so soon.
 - (B) They were not aware that the young king was actually a wise sage.

- (C) The young king was happy to go to the island unlike the previous kings.
 (D) Not mentioned in the passage
 (E) None of these

6. Choose the word/group of words which is most similar in meaning to the word/group of words printed in bold as used in the passage.

CONTRACT

- (A) Work (B) Signature
 (C) Deal (D) Temporary
 (E) Get

7. Choose the word/group of words which is most similar in meaning to the word/group of words printed in bold as used in the passage.

BIDDING

- (A) Wishing (B) Auctioning
 (C) Wasting (D) Playing
 (E) Talking

8. Choose the word/group of words which is most similar in meaning to the word/group of words printed in bold as used in the passage.

ABODE

- (A) Stop (B) Mountain
 (C) Plenty (D) House
 (E) Dwelling

9. Choose the word/group of words which is most opposite in meaning to the word/group of words printed in bold as used in the passage.

SURVIVED

- (A) Scratched (B) Died
 (C) Lived (D) Fell
 (E) Suffered

10. Choose the word/group of words which is most opposite in meaning to the word/group of words printed in bold as used in the passage.

VICIOUS

- (A) Simple (B) Small
 (C) Tough (D) Harmless
 (E) Ferocious

Directions for questions 11–20: In the following passage, there are some blanks, each of which has been numbered. Against each blank, five words are suggested. Choose the one which fits the blank appropriately.

Once upon a time, two friends were ____11____ through the desert. During some point of the ____12____, they had an argument and one friend slapped the other one in the face. The one who got slapped was ____13____, but

without saying anything, he wrote in the sand, “Today, my best friend slapped me in the face.” They kept on walking ____14____ they found an oasis, where they ____15____ to take a bath. The one, who had been slapped, got ____16____ in the quicksand and started drowning, but the friend saved him. After the friend ____17____ from the near drowning, he wrote on a stone, “Today my best friend saved my life.” The friend who had slapped and saved his best friend asked him, “After I hurt you, you wrote in the sand and ____18____, you write on a stone, why?” The other friend ____19____, “When someone hurts us, we should write it down in sand where winds of forgiveness can, erase it away, but when someone does something good for us, we must ____20____ it in stone where no wind can ever erase it.”

11. (A) crawling (B) speaking
 (C) swimming (D) walking
 (E) dancing
12. (A) journey (B) sand
 (C) running (D) border
 (E) hunt
13. (A) dead (B) captured
 (C) presentable (D) missing
 (E) hurt
14. (A) until (B) as
 (C) from (D) with
 (E) through
15. (A) decided (B) fell
 (C) made (D) want
 (E) left
16. (A) home (B) stuck
 (C) blended (D) mixed
 (E) sitting
17. (A) separated (B) leaked
 (C) died (D) recovered
 (E) saved
18. (A) so (B) how
 (C) when (D) tomorrow
 (E) now
19. (A) called (B) told
 (C) replied (D) questioned
 (E) asked
20. (A) talk (B) push
 (C) engrave (D) add
 (E) bury

Directions for questions 21–30: Each of the following sentences tests your ability to recognise grammar and usage errors. The sentence contains either a single error or

no error at all. The sentence does not contain more than one error. The error, if there is one, is underlined and lettered. If the sentence contains an error, select the one underlined part that must be changed to make the sentence correct. If the sentence is correct, select choice (E). In choosing the answer, follow the requirements of standard written English.

21. (a) One of the (b) books I (c) saw in this fair (d) seem to be good. (e) No error
(A) (a) (B) (b) (C) (c)
(D) (d) (E) (e)
22. It was decided by the company (a) that all the employees (b) will be given double bonus this year as (c) a reward for (d) the hard work done. (e) No error
(A) (a) (B) (b) (C) (c)
(D) (d) (E) (e)
23. (A) In the exhibition (B) there was none (C) who (D) did not praise his paintings. (E) No error
(A) (a) (B) (b) (C) (c)
(D) (d) (E) (e)
24. My (a) grasping power (b) is (c) better (d) than my brother. (e) No error
(A) (a) (B) (b) (C) (c)
(D) (d) (E) (e)
25. (a) The quality of the new toothpaste launched (c) by the company is (c) inferior than that of the previous (e) one. (e) No error

(A) (a) (B) (b) (C) (c)
(D) (d) (E) (e)

26. Elders being (a) more experienced are (b) able to give valuable (c) advise but we (d) seldom pay heed to them. (e) No error
(A) (a) (B) (b) (C) (c)
(D) (d) (E) (e)
27. He (a) likes to read, to analyse and (b) apply the information (c) given in the (d) books for the better understanding of the concepts. (e) No error
(A) (a) (B) (b) (C) (c)
(D) (d) (E) (e)
28. The police (a) had caught the thief (b) last night and (c) produced him (d) before the judge today morning. (e) No error
(A) (a) (B) (b) (C) (c)
(D) (d) (E) (e)
29. The (a) rural folk (b) seldom have (c) no opportunity to see talking and moving pictures (d) on the screen. (e) No error
(A) (a) (B) (b) (C) (c)
(D) (d) (E) (e)
30. (a) Even as you read this, there are some people (b) who are seeing, hearing and (c) experience things like no one (d) has ever done before. (e) No error
(A) (a) (B) (b) (C) (c)
(D) (d) (E) (e)

Numerical Ability (35 Questions)

Directions for questions 31–50: What will come in place of question mark (?) in the following number series?

31. 27, 18, 36, 24, 48, ?, 64
(A) 38 (B) 36 (C) 32
(D) 30 (E) 28
32. 2, 7, 31, 92, ?, 427, 767
(A) 118 (B) 175 (C) 214
(D) 325 (E) 407
33. 7.4, 8.5, 10.7, 14, 18.4, ?
(A) 20.1 (B) 19.3 (C) 23.9
(D) 19.9 (E) 20.6
34. 10, 19, 37, 64, ?, 145
(A) 76 (B) 81 (C) 121
(D) 100 (E) 96
35. 125, 215, 341, 509, ?, 995
(A) 725 (B) 639 (C) 837
(D) 571 (E) 900

36. $(17)^2 + (8)^2 - 18 \times 12 = ? + 231 - 756$
(A) 638 (B) 644 (C) 653
(D) 662 (E) 681
37. $630 \div ? \times 121 = 1815$
(A) 12 (B) 19 (C) 25
(D) 31 (E) 42
38. $(2854 - 885 - 429) \div (111 - 67) = ?$
(A) 46 (B) 42 (C) 35
(D) 31 (E) 28
39. $23\% \text{ of } 140 + ?\% \text{ of } 230 = 100 - 35.6$
(A) 7 (B) 14 (C) 23
(D) 28 (E) 33
40. $(37)^2 - 14 \times 16 = ?$
(A) 825 (B) 932
(C) 1023 (D) 1145
(E) 1253
41. $3.452 + 4.53 + 44.23 + 5.34 + 32.52 = ?$
(A) 58.21 (B) 62.324

- (C) 76.023 (D) 87.521
(E) 90.072
42. $\sqrt[3]{9261} \times 123 = 63 \times ?$
(A) 37 (B) 41 (C) 46
(D) 52 (E) 58
43. $125 + 2314 + 4532 - 1245 = 653 + 1453 - 1758 + ?$
(A) 5378 (B) 4987
(C) 4532 (D) 4122
(E) 3876
44. $\frac{5}{7}$ of $\frac{3}{5}$ of $\frac{21}{25}$ of 450 = ?
(A) 115 (B) 121 (C) 154
(D) 162 (E) 175
45. $\sqrt{18} \times \sqrt{128} - 12 \times 3 = ?$
(A) 12 (B) 18 (C) 22
(D) 25 (E) 33
46. $? \div 4 = 21\%$ of 1540
(A) 1543.3 (B) 1293.6
(C) 834.4 (D) 756
(E) 638.9
47. 0.6% of 295 $\times$ 0.4% of 565 = ?
(A) 5.621 (B) 4.0002
(C) 3.029 (D) 2.1890
(E) 1.5500
48. $12.6 \times 3 + 5.6 \times 3 - 8 \times 12 = 1.6 \times 5 - ?$
(A) 56.7 (B) 51.2
(C) 49.4 (D) 42
(E) 35.4
49. 12% of 132 + 23% of 484 = ? - 871
(A) 813.56 (B) 853.70
(C) 893.20 (D) 945.54
(E) 998.16
50. $(15)^2 + \sqrt{(1^2 + 8)} = (22)^2 - ?$
(A) 182 (B) 196
(C) 217 (D) 256
(E) 281
51. The number of seats in a cinema hall is increased by 25% and the price per ticket is also increased by 10%. What is the effect on the revenue collected?
(A) +35% (B) -30%
(C) -35.5% (D) +37.5%
(E) +30%
52. A class has 50 boys and girls in total. There are 60% boys in the class. If five boys and five girls are absent on a particular day, then find the percentage of attendance on that day.
(A) 80% (B) 75%
(C) 70% (D) 85%
(E) 82%
53. If the sides of a triangle are in the ratio of $\frac{1}{6} : \frac{1}{5} : \frac{1}{2}$ and the perimeter is 104 cm, then what is the sum of the longest and smallest sides of the triangle?
(A) 95 cm (B) 80 cm
(C) 75 cm (D) 63 cm
(E) 54 cm
54. A pipe can fill a cistern in 4 hours and another pipe can empty the same cistern in 5 hours. If both the pipes are opened simultaneously, then in how much time will the cistern be filled?
(A) 9 hours (B) 10 hours
(C) 13 hours (D) 17 hours
(E) 20 hours
55. Two trains P and Q start from two different stations towards each other at 9 am at a speed of 56 km/hr and 60 km/hr, respectively. What is the distance between the 2 stations if they both meet at 6 pm?
(A) 510 km (B) 650 km
(C) 720 km (D) 980 km
(E) 1044 km
56. What is the sum of money if the difference in the compound interest compounded half-yearly and simple interest on a certain amount of money at a rate of 10% per annum for 1 year is Rs. 12?
(A) Rs. 1200 (B) Rs. 1550
(C) Rs. 1900 (D) Rs. 2134
(E) Rs. 4800
57. If 20% of a number is added to 32% of the same number, then the answer is 182. What is double of that number?
(A) 400 (B) 540
(C) 670 (D) 700
(E) 852
58. A dishonest shopkeeper professes to sell his vegetables at cost price, but he uses a weight of 900 grams instead of 1 kg. What is his gain percentage (approx.)?
(A) 10% (B) 8.2%
(C) 11.11% (D) 12.3%
(E) 15%
59. Jake, Ben and Sham can complete a piece of work in 12, 14 and 15 days, respectively. They started the work together, but due to some reason,

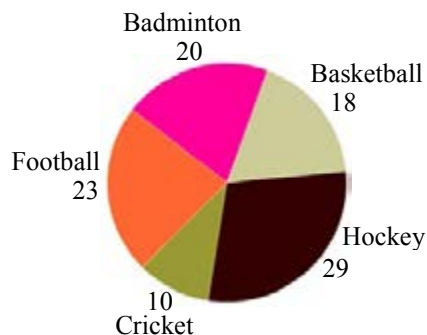
Jake left the work before 2 days of the completion of work and Ben left before 4 days of the completion of work. Find the number of days in which the work can be completed.

- (A) $2\frac{23}{62}$ days (B) $3\frac{5}{9}$ days
(C) $4\frac{11}{3}$ days (D) $5\frac{2}{9}$ days
(E) $6\frac{52}{93}$ days

60. The average weight of 9 persons increases by 3 kg when a new person replaces a person whose weight was 67 kg. Find the weight of the new person.
(A) 70 kg (B) 72 kg
(C) 81 kg (D) 89 kg
(E) 94 kg

Directions for questions 61–65: The following pie chart shows the percentage (%) distribution of students who like different sports in a school.

Total number of students = 1300



The following table shows the ratio of girls to boys.

Sports	Girls : Boys

Football	9 : 4
Hockey	7 : 6
Badminton	3 : 2
Cricket	2 : 3
Basketball	4 : 5

61. What is the ratio of number of girls who like cricket to the total number of boys who like badminton and basketball?
(A) 1 : 3 (B) 2 : 9
(C) 5 : 9 (D) 4 : 7
(E) None of these
62. The number of boys who like hockey is approximately what percent the total number of students who like cricket and football?
(A) 41% (B) 54%
(C) 67% (D) 72%
(E) 83%
63. Find the difference in the average number of girls who like cricket and basketball and the average number of boys who like football and badminton.
(A) 16 (B) 20 (C) 36
(D) 40 (E) 42
64. Find the total number of students who like cricket, hockey and badminton.
(A) 915 (B) 823 (C) 767
(D) 729 (E) 677
65. What is the approximate percentage of boys who like cricket to boys who like football and hockey?
(A) 33% (B) 29%
(C) 25% (D) 21%
(E) 18%

Reasoning Ability (35 Questions)

Directions for questions 66–70: Study the given information carefully to answer the questions that follow.

Assuming the given statements to be true, find out which of the two conclusions I and II given below them is/are definitely true. Give answer —

- (A) if only conclusion I is true
(B) if only conclusion II is true
(C) if either conclusion I or conclusion II is true
(D) if neither conclusion I nor conclusion II is true
(E) if both conclusions I and II are true

66. **Statements:** $P \geq N$, $T < K$ and $T > P$
Conclusions:

- I. $N \geq T$
II. $P < K$

67. **Statements:** $V \leq S$, $N \geq J$ and $N \leq V$
Conclusions:
I. $S \geq N$
II. $V \geq J$
68. **Statements:** $Z < R$, $K \leq B$ and $Z > B$
Conclusions:
I. $K > Z$
II. $R < B$
69. **Statements:** $F > Z$, $G < N$ and $G > F$

Conclusions:

- I. $N > F$
 II. $G < Z$

70. **Statements:** $Q \leq P$, $Y \geq W$ and $Y \leq Q$

Conclusions:

- I. $Q > Y$
 II. $Q = Y$

Directions for questions 71–75: Study the following information carefully to answer the questions.

P, Q, R, S, T, U, V and W are sitting around a circular table facing the centre (not necessarily in the same order). U sits second to the left of V. Q and V are immediate neighbours of T. W sits opposite R. W neither sits with V nor with P.

71. Which of the following persons sits opposite to S?
 (A) Q (B) T (C) V
 (D) P (E) U
72. Starting from P's position, if all eight were arranged in alphabetical order in anticlockwise direction, the seating position of how many members (excluding P) will not change?
 (A) None (B) One
 (C) Two (D) Three
 (E) Four
73. Which of the following pairs has exactly two persons sitting between them, if the counting is done in clockwise direction?
 (A) Q and V (B) W and V
 (C) P and T (D) U and Q
 (E) P and S
74. Who sits to the immediate right of S?
 (A) R (B) Q (C) T
 (D) W (E) P
75. What is the position of U with respect to R?
 (A) Third to left (B) Second to right
 (C) Second to left (D) Immediate left
 (E) Immediate right

Directions for questions 76–80: Study the following information carefully and answer the questions given below.

Eight people are sitting in two parallel rows containing four people each in such a way that there is an equal distance between adjacent persons. In row 1, A, B, C and D are seated and all of them are facing south. In row 2, P, Q, R and S are seated and all of them are facing north. Therefore, in the given seating arrangement, each member seated in a row faces another member of the other row. R sits second to the right of S. B sits second to the right of A. Neither R sits at the extreme end nor A sits at the

extreme end. C is the immediate neighbour of B but is not sitting opposite Q.

76. Who amongst the following sits second to the right of the person who faces C?
 (A) P (B) Q (C) R
 (D) S (E) Cannot be determined
77. Four of the following five are alike in certain way and thus formed a group. Which of the following does not belong to that group?
 (A) B (B) D (C) S
 (D) P (E) Q
78. Which of the following is true regarding D?
 (A) D sits second to the right of C.
 (B) D sits opposite R.
 (C) There is only one person between C and D.
 (D) B is the immediate neighbour of D.
 (E) Both 1 and 2
79. Who amongst the following faces S?
 (A) A (B) B (C) C
 (D) D (E) Cannot be determined
80. Who amongst the following faces the person sitting immediately to the right of A?
 (A) P (B) Q (C) R
 (D) S (E) Either (A) or (B)

Directions for questions 81–85: To answer these questions, study carefully the following arrangement of symbols, digits and letters.

H * 1 2 F & X 9 @ C : + 6 L \$ 2 X 4 \$ H 8 & G 5 % 3 D # U 9

81. If all the letters are deleted from above arrangement, which of the following is third to the right to the element that is eighth from right end of new arrangement?
 (A) 5 (B) 4 (C) 2
 (D) \$ (E) &
82. How many such letters are there in the above arrangement, each of which is immediately preceded by a special character?
 (A) 5 (B) 4 (C) 3
 (D) 2 (E) 1
83. '1 *' is to '9 & X' and ': C' is to '\$ 6 L' in the same way as '4 X' is to _____ in the arrangement.
 (A) D % 3 (B) 8 \$ H
 (C) 3 G 5 (D) & H 8
 (E) % G 5

84. How many such special characters are there in the above arrangement, each of which is immediately followed by a number?
(A) 5 (B) 4 (C) 3
(D) 2 (E) 1
85. If all the special characters are deleted from the above arrangement, then which of the following will be the second to the left of sixth element from the left?
(A) 2 (B) F (C) X
(D) 9 (E) C
86. If ROSE is coded as 6821, CHAIR is coded as 73456 and PREACH is coded as 961473, then what will be the code for SEARCH?
(A) 246173 (B) 246272
(C) 244774 (D) 214673
(E) None of these
87. In the following question, find out how many such pairs of letters are there in the given word, each of which has as many letters between them in the word as in the English alphabet.

CHILDREN

- (A) Two (B) Three
(C) Four (D) Five
(E) None of these
88. If it is possible to make only one meaningful English word with the first, fifth, seventh and tenth letters of the word STREAMLINE, using each letter once in each word, which of the following is the third letter of that word? If no such word can be made, give 'X' as the answer and if more than one such word can be made, give 'Y' as the answer.
(A) L (B) E (C) S
(D) X (E) Y
89. Showing a lady in the park, a man said, "She is the daughter of my grandfather's only son." How is that man related to that lady?
(A) Brother or cousin
(B) Cousin
(C) Father
(D) Brother
(E) Sister
90. Fill the missing term from the given series.
B₂MD, _____, BOD₄, B₅PD, BQ₆D
(A) B₂N₃D (B) BN₃D
(C) BM₃D (D) BND₇
(E) BND

Directions for questions 91–95: These questions are based on five words that are given below.

RUB AIR MAX BAG SUN

(Note: The words formed after performing the given operations may or may not be a meaningful English word)

91. If the last letter in each of the words is changed to the previous letter in English alphabetical order and middle letter in each of the words is changed to the next letter in English alphabetical order, how many words thus formed have no vowel?
(A) None (B) One
(C) Two (D) Three
(E) Four
92. If in each of the words, all the letters are arranged in English alphabetical order within the word, the last letter will be a vowel in how many words?
(A) None (B) One
(C) Two (D) Three
(E) Four
93. How many letters are there in the English alphabetical series between the second letter of the second word from the right and the last letter of the first word from the left?
(A) None (B) One
(C) Two (D) Three
(E) Four
94. If the given words are arranged in the order as they would appear in the English dictionary from left to right, which of the following will be the fourth from the right?
(A) RUB (B) AIR
(C) MAX (D) BAG
(E) SUN
95. If in each of the given words, each of the consonants is changed to the previous letter and each vowel is changed to the next letter in English alphabetical series, in how many words thus formed will there be no vowel?
(A) 5 (B) 4 (C) 3
(D) 2 (E) 1

Directions for questions 96–100: Read the following information carefully and answer the given questions.

A, B, C, D, E, F, G and H live in an eight-storey building. In this building, ground floor is numbered as first floor, the floor above the ground floor is numbered as second floor and so on. Each one of the persons lives on a specific floor, but not necessarily in the same order. A lives on a floor which is numbered four. F does not live on an even-numbered floor. Five persons live between the floors on which G and E live. B lives on the floor which is immediately below the floor of G. D lives on the floor

which is immediately above the floor where C lives. E lives on an odd-numbered floor.

96. On which floor does B live?
(A) 7th (B) 6th (C) 5th
(D) 3rd (E) 2nd
97. Who lives on the floor immediately below the topmost floor of the building?
(A) C (B) D (C) E
(D) F (E) G
98. Who lives three floors above the person who lives on the 6th floor from top?
(A) B (B) C (C) D
(D) G (E) H
99. Who lives three floors below the floor on which H lives?
(A) A (B) C (C) D
(D) E (E) F
100. Who lives on the ground floor?
(A) B (B) C (C) E
(D) F (E) H

IBPS Clerical (Prelims) Mock Test Answer Key– 11

1. (E)	2. (D)	3. (C)	4. (D)	5. (C)	6. (A)	7. (A)	8. (B)
9. (D)	10. (C)	11. (C)	12. (D)	13. (E)	14. (C)	15. (B)	16. (A)
17. (D)	18. (D)	19. (C)	20. (A)	21. (B)	22. (C)	23. (C)	24. (D)
25. (D)	26. (C)	27. (E)	28. (B)	29. (E)	30. (A)	31. (C)	32. (C)
33. (D)	34. (E)	35. (D)	36. (C)	37. (D)	38. (B)	39. (A)	40. (B)
41. (D)	42. (B)	43. (E)	44. (C)	45. (B)	46. (A)	47. (A)	48. (A)
49. (D)	50. (A)	51. (C)	52. (B)	53. (C)	54. (D)	55. (B)	56. (B)
57. (E)	58. (A)	59. (E)	60. (E)	61. (B)	62. (A)	63. (E)	64. (C)
65. (A)	66. (A)	67. (C)	68. (E)	69. (D)	70. (B)	71. (B)	72. (B)
73. (A)	74. (C)	75. (D)	76. (B)	77. (D)	78. (C)	79. (B)	80. (A)
81. (B)	82. (A)	83. (D)	84. (C)	85. (A)	86. (A)	87. (C)	88. (A)
89. (B)	90. (C)	91. (B)	92. (C)	93. (D)	94. (D)	95. (C)	96. (C)
97. (C)	98. (B)	99. (B)	100. (C)				

For detailed solutions and analysis of this test, please visit TCYonline.com using the access code provided.

IBPS Clerical (Prelims) Mock Test Answer Key– 12

1. (A)	2. (C)	3. (B)	4. (B)	5. (C)	6. (C)	7. (A)	8. (E)
9. (B)	10. (D)	11. (D)	12. (A)	13. (E)	14. (A)	15. (A)	16. (B)
17. (D)	18. (E)	19. (C)	20. (C)	21. (D)	22. (B)	23. (C)	24. (D)
25. (C)	26. (C)	27. (B)	28. (A)	29. (C)	30. (C)	31. (C)	32. (C)
33. (C)	34. (D)	35. (A)	36. (D)	37. (E)	38. (C)	39. (B)	40. (D)
41. (E)	42. (B)	43. (A)	44. (D)	45. (A)	46. (B)	47. (B)	48. (C)
49. (E)	50. (D)	51. (D)	52. (A)	53. (B)	54. (E)	55. (E)	56. (E)
57. (D)	58. (C)	59. (E)	60. (E)	61. (B)	62. (A)	63. (B)	64. (C)
65. (B)	66. (B)	67. (E)	68. (D)	69. (A)	70. (C)	71. (C)	72. (C)
73. (B)	74. (E)	75. (D)	76. (B)	77. (D)	78. (C)	79. (B)	80. (A)
81. (A)	82. (A)	83. (D)	84. (B)	85. (B)	86. (D)	87. (C)	88. (E)
89. (A)	90. (B)	91. (D)	92. (C)	93. (A)	94. (D)	95. (C)	96. (B)
97. (E)	98. (A)	99. (E)	100. (C)				

For detailed solutions and analysis of this test, please visit TCYonline.com using the access code provided.

IBPS Clerical (Mains) Mock Test – 6

General/Financial Awareness (50 Questions)

1. The modern banking services of the banks include
 - (A) Internet banking
 - (B) Mobile banking
 - (C) ATM services
 - (D) Demat services
 - (E) All of the above
2. Which of the following commissions set up by the President of India decides the distribution of tax incomes between the Central and State Governments?
 - (A) Central Law Commission
 - (B) Pay Commission for Govt. Employees
 - (C) Administrative Reforms Commission
 - (D) Planning Commission
 - (E) Finance Commission
3. Which of the following is/are the component(s) of Fiscal Deficit?
 1. Budgetary deficit
 2. Market borrowings
 3. Expenditure made from Pradhan Mantri Rahat Kosh
 - (A) Only 1
 - (B) Only 2
 - (C) Only 3
 - (D) All 1, 2 and 3
 - (E) None of these
4. Which offence under the 'FEMA' Act is considered as a civil offence?
 - (A) Keeping undeclared foreign exchange
 - (B) Violating forest prevention laws
 - (C) Adulteration in food
 - (D) Undisclosed property
 - (E) None of these
5. Which of the following is/are the instrument(s) of Credit Control in the hands of RBI?
 1. Lowering or raising the discount and interest rates
 2. Raising the minimum support price of the major agro products
 3. Lowering or raising the minimum cash reserves maintained by the commercial banks
 - (A) Only 1
 - (B) Only 2
 - (C) Only 3
 - (D) Both 1 and 3 only
 - (E) Both 2 and 3 only
6. What is Call Money?
 - (A) Money borrowed or lent for a day or overnight
 - (B) Money borrowed for more than one day but up to 3 days
 - (C) Money borrowed for more than one day but up to 7 days
 - (D) Money borrowed for more than one day but up to 14 days
 - (E) None of these
7. The Asian Development Bank is headquartered at
 - (A) Bangkok
 - (B) Sumatra
 - (C) Tuvalu
 - (D) Tokyo
 - (E) Mandaluyong
8. The maximum amount of the total revenue earned by the Government of India comes from
 - (A) Income Tax
 - (B) Customs Duty
 - (C) Excise Duty
 - (D) Value Added tax
 - (E) Corporate Tax
9. What is Repo Rate?
 - (A) It is a rate at which RBI sell government securities to banks.
 - (B) It is a rate at which banks borrow rupees from RBI.
 - (C) It is a rate at which RBI allows small loans in the market.
 - (D) It is a rate which is offered by banks to their most valued customers or prime customers.
 - (E) None of these
10. Development means economic growth plus
 - (A) inflation
 - (B) deflation
 - (C) social change
 - (D) price stability
 - (E) None of these
11. The actual return of an investor is reduced sometimes as the prices of the commodities go up all of a sudden. In financial sector, this type of phenomenon is known as
 - (A) probability risk
 - (B) market risk
 - (C) inflation risk
 - (D) credit risk
 - (E) None of these
12. Which of the following is/are the correct definition(s) of the term 'commercial papers'?
 1. It is nothing but the popular name of the judicial stamp papers used to register financial transactions.
 2. It is one of the instruments through which corporates raise debt from the market.

3. It is the name of the certificate of deposits provided by the banks to its retail customers.
 (A) Only 1 (B) Only 2
 (C) Only 3 (D) Both 1 and 2
 (E) All 1, 2 and 3
13. A customer wishes to purchase some US dollars in India. He/she should go to
 (A) Public Debt Division of the RBI only
 (B) American Express Bank Only
 (C) RBI or any branch of a bank which is authorised for such business
 (D) Ministry of Foreign Affairs
 (E) None of these
14. World Investment Report is an annual publication of
 (A) UNCTAD (B) WTO
 (C) World Bank (D) IMF
 (E) ADB
15. A hard currency is the one
 (A) whose external value is increasing
 (B) which can be acquired only with official permission
 (C) which can be obtained only against sale of gold
 (D) which is accepted in international transactions
 (E) All of these
16. The department of Company Affairs is under which ministry?
 (A) Law (B) Finance
 (C) Human Resources (D) Industry
 (E) None of these
17. Banks have created Investment Fluctuation Reserves (IFR) to help them in managing
 1. Interest Rate Risk
 2. CRR
 3. SLR
 4. Foreign Currency Accounts
 (A) 1 (B) 2
 (C) 3 (D) 4
 (E) None of these
18. As we all know, more and more countries/organisations are now going for non-cash transactions and accordingly, banks have launched many new products in the market for the same. Which of the following products is a non-cash transaction product?
 (A) ATM card
 (B) Credit card
 (C) Prepaid card
 (D) Debit card
 (E) All are non-cash transaction products
19. Which of the following banks was established for the development of small scale industries in India?
 (A) SIDBI (B) NABARD
 (C) IDBI (D) ICICI
 (E) IRDAI
20. Service Tax was introduced in India for the first time in the year _____.
 (A) 1990–91 (B) 1991–92
 (C) 1994–95 (D) 1980–81
 (E) 2000–01
21. In the recent past, it was thought safe to allow each financial institution to carry out only one type of financial service. However, now banks are selling shares and insurance companies can sell banking services. These new financial conglomerates are colloquially referred to as
 (A) multinationals
 (B) financial supermarkets
 (C) market regulators
 (D) brand promoters
 (E) None of these
22. Who is the author of the novel ‘A Bad Character’?
 (A) Edward Klein (B) Salman Rushdie
 (C) Deepti Kapoor (D) Christina Lamb
 (E) Chetan Bhagat
23. ‘NASA’ is the space research organisation of
 (A) Russia (B) UK
 (C) USA (D) China
 (E) Germany
24. The World Humanitarian Day is observed on
 (A) 5th August (B) 9th August
 (C) 15th August (D) 19th August
 (E) 21st August
25. Which of the following protects the Earth from harmful radiations?
 (A) Exosphere
 (B) Andromeda Galaxy
 (C) Ozone layer
 (D) Cosmic rays
 (E) Stratosphere
26. Which of the following is/are social assistance programme(s) launched by the Government of India?
 (A) National Old Age Pension Scheme
 (B) Annapurna Scheme
 (C) National Family Benefit Scheme
 (D) Indira Awaas Yojana
 (E) All are social assistance programmes

27. Which of the following is **not** a social sector programme being run by the Government of India?
 (A) Jawaharlal Nehru National Urban Renewal Mission
 (B) National Rural Health Mission
 (C) National Agricultural Insurance Scheme
 (D) Sarva Shiksha Abhiyan
 (E) Mid Day Meal Scheme
28. Which of the following is **not** a department of the Ministry of Finance, Government of India?
 (A) Department of Economic Affairs
 (B) Department of Expenditure
 (C) Department of Revenue
 (D) Department of Foreign Investments
 (E) Department of Disinvestments
29. Which of the following taxes is **not** levied by the Union Government?
 (A) Customs (B) Corporate tax
 (C) Land revenue (D) Income tax
 (E) Surcharge on income tax
30. The name 'Beethoven' is associated with
 (A) music (B) science
 (C) social work (D) crime
 (E) literature
31. Which of the following States' Government launched single-woman pension scheme across the state, thereby becoming the first state in India to launch such scheme?
 (A) Andhra Pradesh (B) Telangana
 (C) Tamil Nadu (D) Kerala
 (E) Karnataka
32. Cricket World Cup, 2019, will be held by which of the following countries?
 (A) Australia (B) India
 (C) South Africa (D) West Indies
 (E) England
33. Election ink or indelible ink, which is applied to fingers of voters during elections to prevent double voting, contains _____ which makes the stain on the skin impossible to wash off.
 (A) potassium permanganate
 (B) silver nitrate
 (C) silver bromide
 (D) cellulose acetate
 (E) sodium iodide
34. India's first 'freight village' will be developed by the Inland Waterways Authority of India (IWAI) in
 (A) Chhattisgarh (B) Chennai
 (C) Vishakhapatnam (D) Varanasi
 (E) Coimbatore
35. Scientists at Astrophysics Institute in the Canary Islands have found a planet which may be habitable and can host liquid water. It is _____ light years away.
 (A) 20 (B) 21
 (C) 25 (D) 27
 (E) 30
36. Asian Development Bank (ADB) signed a \$100 million loan agreement to finance large solar rooftop systems on industrial and commercial buildings throughout India with
 (A) State Bank of India
 (B) Dena Bank
 (C) Canara Bank
 (D) IndusInd Bank
 (E) Punjab National Bank
37. The Finance Minister of India has launched a pension scheme for senior citizens that promises an assured return of 8%. The name of the scheme is
 (A) Pradhan Mantri Senior Citizens Scheme
 (B) Bharat Vridha Pension Yojana
 (C) Pradhan Mantri Vaya Vandana Yojana
 (D) Bhartiya Varishth Naagrik Yojana
 (E) Pradhan Mantri Vridha Sankalp Yojana
38. The Supreme Court, in 2017, imposed a ban on the use of five harmful metals in firecrackers as they cause enormous air pollution. Which of the following is **not** one of them?
 (A) Arsenic (B) Lithium
 (C) Mercury (D) Sulphur
 (E) Antimony
39. The Parliament of which of the following countries passed a bill amending the Constitution to give the President sweeping powers to appoint the country's top judges without consulting any other institution?
 (A) Zimbabwe (B) Russia
 (C) Philippines (D) Indonesia
 (E) Sri Lanka
40. The world's longest pedestrian suspension bridge is in
 (A) Malaysia (B) UAE
 (C) Spain (D) Thailand
 (E) Switzerland
41. Jharkhand became the seventh state in the country to have anti-conversion law, after assent to

- Jharkhand Religious Freedom Bill, 2017. Which of the following states is already practicing this law?
 (A) Maharashtra (B) Rajasthan
 (C) Kerala (D) Andhra Pradesh
 (E) Tamil Nadu
42. Ajay Bijli will receive the 'Exhibitor of the Year Award' at the CineAsia Awards Ceremony on 14th December, 2017, in Hong Kong. He is the Chairman and MD of
 (A) Zee Entertainment
 (B) Eros Intl.
 (C) Tips Industries
 (D) Dish TV
 (E) PVR Limited
43. Which of the following is/are the correct definition(s) of 'Hot Money'?
 1. This is the fund which is dumped into a country to get the advantage of a favourable interest rate and hence, brings higher returns.
 2. This is the fund which is provided by a bank in US at very short notice and at a very high rate of interest and for a longer period of repayment.
 3. This is the fund which is pushed into the market through Hawala or some other such illegal methods and is sometimes referred to as 'Black Money'.
 (A) Only 1 is correct.
 (B) Both 1 and 2 are correct.
 (C) Only 3 is correct.
 (D) Both 1 and 3 are true.
 (E) Only 2 is correct.
44. Which of the following committees recommended the revival of Cooperative Credit Institutions in the Indian states?
 (A) Vaidyanathan Committee
 (B) Rangarajan Committee
 (C) Sachchar Committee
 (D) Rakesh Mohan Committee
 (E) None of these
45. The Defence Minister of India, Nirmala Sitharaman, is currently a representative of which of the following states in Rajya Sabha?
 (A) Kerala (B) Karnataka
 (C) Tamil Nadu (D) Telangana
 (E) Madhya Pradesh
46. Who has been elected as the Chairman of the Press Trust of India, 2017?
 (A) Viveck Goenka (B) N. Ravi
 (C) Riyad Mathew (D) Mahesh Kasturi
 (E) Ramnath Biswas
47. India INX received an approval from the regulator 'SEBI' to commence trading in
 (A) gold options contract
 (B) diamond options contract
 (C) silver options contract
 (D) platinum options contract
 (E) All of the above
48. State Bank of India has come up with its own Artificial Intelligence-powered chatbot, with the name
 (A) SRI (B) SIA
 (C) STAR (D) SHE
 (E) SKY
49. Which of the following telecom companies was given the award for the best service provider in North India for its public Wi-Fi services by DigiAnalysis in 2017?
 (A) Jio (B) Reliance
 (C) Tata Docomo (D) Airtel
 (E) Vodafone
50. Who among the following Indians clinched a gold medal in the junior men's 94 kg category at the 2017 Commonwealth Weightlifting Championships in Australia?
 (A) Konjum Taba (B) Vikas Thakur
 (C) Neeraj Sharma (D) Achyutananda Sahoo
 (E) Sambo Lapang

General English (40 Questions)

Directions for questions 51–58: Read the following passage and answer the questions that follow.

The past decade has upset many preconceptions about development and this, more than anything else, makes it difficult to be overly definite about what the next decade has in store. But there are a few things that one can assert with some confidence. First education, health and productive employment are crucial both for growth and for equity. We have tended to assume that all of these are the consequences of rapid economic growth and that only growth can generate the resources required for these purposes. But increasingly, it appears that these are better seen as the causes rather than as consequences of development. Virtually every case of successful development involves a prior improvement in literacy, technical skills, health status and access to production work.

Second, technological competence is the most important resource endowment and it explains a far larger proportion of growth in output and trade than more conventional actors like natural resources or capital accumulation. The competence required is not just in research, in fact technological dynamism in the factory and the farm is more important than the presence of a larger research establishment.

Third, the environmental imperative can no longer be ignored today as an international issue; it is second only to disarmament. Nationally, the developmental consequences of environmental neglect are increasingly obvious.

In the Indian context, there are at least two further factors which reinforce the above propositions. The first is population growth. Given the pace of expansion of the population and the workforce, human resource development acquires an added urgency. Population growth is also one, but not necessarily the most important factor which underlines environmental stress in rural and urban areas. The second factor is that as a larger country we cannot carve out an independent position in the global system without building up a substantial capacity for self-reliant growth. The acquisition of technical competence is crucial for this purpose.

Until now we have tended to treat human resource development, technology issues and environment as subsidiary to the main task of planning. The thrust has been on: quantitative expansion of infrastructure and production with a focus on production targets like tonnes of steel, kWh of electricity, etc.; capacity targets like number of schools and students, number of villages electrified, etc.; catching up with known technologies; fuller use of natural resources and maximum mobilisation of financial resources.

51. According to the author, which of the following factors support(s) and strengthen(s) his point of view?
(1) Necessity for carrying out growth on the basis of our own strength
(2) Increased emphasis on production and coverage targets
(A) Only (1) (B) Only (2)
(C) Either (1) or (2) (D) Both (1) and (2)
(E) None of these
52. Which of the following statements is/are not true in context of the passage?
(A) We will have a bright future by only catching up with known technologies.
(B) Optimum self-reliance is the need of the day.
(C) We have to now emphasise aspects of human resource development.
(D) Technological competence has to be given due priority over more conventional factors.
(E) All of the above
53. According to the author, at the national level with the passage of time, the effects of which of the following is/are being felt?
(A) Progressive degradation of technological competence in urban areas
(B) Emphasis on slow rate of disarmament as compared to other nations
(C) Expansion of workforce of high quality
(D) Lack of attention and action for protecting environmental wealth
(E) Neglect of the quantitative expansion of infrastructure
54. According to the author, which of the following is a less important factor resulting in environmental stress in rural and urban areas?
(A) Continued environmental neglect
(B) Rapid economic growth
(C) Rate of population growth
(D) Availability of productive employment
(E) Technological dynamism in the factory and the farm
55. What seems to be the approach of the author regarding the improvement required in the percent status of research?
A. He desires that more research establishments should come up.

B. Application of new technologies in factories and field is vital than setting up of research laboratories.

- (A) Only A
- (B) Only B
- (C) Neither A or nor B
- (D) Both A and B
- (E) Not mentioned in the passage

56. Which of the following options best captures the essence of the passage?

- (A) There is an increasing need to reinvent our strategy for economic growth by shifting focus on conventional resource endowments.
- (B) There is an urgent need to rehash the priority of our resources in accordance with their perceived impact on economic growth.
- (C) A change in the resource endowments shall determine whether the economic growth in the next decade would be sustainable or not.
- (D) The road to economic growth is paved with many uncertainties with no indicators as to chart way ahead for the next decade.
- (E) Effective growth and optimum utilisation of resources can be achieved only by prioritising planning.

57. Choose the word which is most nearly the **OPPOSITE** in meaning as the word printed in bold as used in the passage.

REINFORCE

- (A) strengthen
- (B) remove
- (C) weaken
- (D) delink
- (E) simplify

58. Choose the word which is most nearly the **SAME** in meaning as the word printed in bold as used in the passage.

CARVE

- (A) drive
- (B) cover
- (C) forget
- (D) decide
- (E) acquire

Directions for questions 59–65: Read the passage and answer the following questions.

As the country progresses, it is being increasingly realised that development of infrastructural facilities is of vital necessity. Compromising on the quality of services critical to industry, already struggling to gain a competitive advantage in the international economy, does not amount to optimum utilisation of resources.

Liberalisation has come to stay. The old economic order of centralised planning and government funding is giving place to a new order of efficient rational pricing, private

funding and transparency of prices. As part of the programme of total liberalisation, the government has also **acceded** the view that the infrastructure sector should imbibe corporate and commercial practices. Accordingly, the doors have been opened to enable private investment in this critical area. At the same time, in order to smoothen the transition to the new economic order, the government has taken several steps to improve the administrative, legal and financial environment for investors.

A look at the international economic environment shows that resources available from private sources for investment in developing countries are more freely available, although on commercial terms. Accordingly, absorption of international technology, entrepreneurial talent and private funding has been facilitated. At the same time, increasing budgetary deficit and the need to control the same have squeezed budgetary support to core infrastructural sectors.

Considering the scale and magnitude of the tasks involved, there are bound to be some apprehensions on the part of the project proponents, equipment suppliers, operators and our own state agencies towards the new approach. The second important factor is that adoption of the new route to capacity addition or upgradation would require us to adopt a new type of software, including a complex legal framework, and a system of rewards and punishments, which is yet to be fully conceptualised and evolved.

Thirdly, although the foundation for such a policy has been laid, it is still felt that various aspects are yet to be touched up to make it more transparent, practical and acceptable to all sides. Lastly, lack of experience on the part of our agencies is a crucial hindering factor. The current mindset has yet to undergo a transformation to accept the new realities.

Private funding requires three factors – legal, financial and regulatory framework. The legal basis for private development, although theoretically available, is bogged down by delays, alternate interpretations and a weighing of national public, private and individual interests.

The overall financing environment, internationally and nationally, indicates a shift to efficient pricing, market-based resource allocation and an open economy. The inward-looking economy has no option but to open its doors to secure markets as well as to obtain resources and technologies. At the same time, increased availability of commercial funds on a scale never imagined before, both internationally and nationally, has made it possible for a project proponent to consider mega projects as there is now a massive inflow to resource starved sectors.

The erstwhile large country lenders have shifted their roles from project funding to putting their seal of approval on large-scale private commercial lending. Risk management has, therefore, become increasingly complex. In a fully competitive economy, corporate deaths are as natural as new projects and hence the critical

role of private financing and risk assessing agencies. The regulatory environment is still hazy. Inter-utility, state-utility and individual-utility conflicts still exist, and hence a new forum, sensitive to varied interests, needs to be created at appropriate levels.

Approach to private power development is but one element in the synergistic policy towards overhauling of the infrastructure sector. What it would imply is that productivity, efficiency and fully commercial procedures will have to seep in so that utility and private projects do not stand at divergent poles. What can bring them together as a cohesive whole is an emphasis on efficiency-related parameters, cost control and better resource management.

The critical issues in infrastructure today boil down to management of systemic change in a sectoral framework. This is because new concepts, new entities, new funding agencies and new resources are to be matched in an uncertain environment. Our attempt has been to adopt marginalism in the sense that as our understanding and experience in this area grows, specific policies will gradually be framed to move to all free-market, efficiency-based and customer-oriented performance. In these tasks, clarification of various issues would go a long way in developing a well-understood and clear private infrastructural development package.

59. Which of the following is not correct as per the passage?
- Privatisation has been initiated in the crucial infrastructure sector.
 - Measures to improve environment for private investors have been taken.
 - Private funds in developing countries are available on any terms.
 - The need to curb the budgetary deficit has contracted the budget for infrastructure sector.
 - The path to improvement necessitates provisioning of rules and regulations.
60. Which of the following impedes the efforts at liberalisation?
- Large country lenders have shifted to large commercial lending.
 - Privatisation has made industry vulnerable.
 - Corporate debacle has become as common as new enterprises.
 - Infrastructural set-up is not keeping pace
 - Emphasis is placed only on correct pricing for inputs and outputs.
61. The word 'synergistic' in the passage specifically implies
- the remedy for the legal environment impinging on private funding
 - the cure for the haziness of the regulatory environment
 - non-recourse security-based project packages
 - a holistic policy framework for the overall infrastructure sector
 - a method of bridging gap between utility and private projects
62. From the passage it can be inferred that
- conflict of interests in the infrastructural sector has been dealt with
 - varied interests need to be created at appropriate levels
 - Indians have not taken reforms in their stride.
 - the legal basis for private development is quite explicit
 - the groundwork for new reforms needs to be laid down soon
63. Market segmentation will
- provide our people with specific brand-synergistic skills
 - provide some form of finance to take legal action
 - provide Indian industry the much needed reprieve from global majors
- Only A
 - Only B
 - Only C
 - Both A and C
 - None of these
64. Which of the following has been adopted by the Indian economic system to deal with the changes?
- Emphasise on efficiency and optimum resource management
 - Create a congenial environment for development of services critical to industry
 - Play by the ear and accordingly decide on measures to be adopted
 - Secure markets and foreign technologies to modernise domestic industry
 - Think big due to easy availability of finances
65. As per the passage the word 'acceded' means
- assumed
 - ratified
 - developed
 - admitted
 - encouraged

Directions for questions 66–70: In each of the following sentences, there are three blank spaces. Below the sentences, there are five options and each option consists of three words which can be filled up in the blanks in the sentences to make the sentences grammatically correct. Choose the correct options.

66. Talks between Bhutan and China on their border dispute – the root cause of the military _____ on the Doklam plateau which ended Monday with the _____ of Indian Army and People's Liberation Army troops – are unlikely to take place as scheduled this year despite diplomats having _____ the weeks-long crisis.
 (A) standoff; disengagement; defused
 (B) deadlock; withdrawal; tensed
 (C) aggression; retreat; intensified
 (D) boycott; extension; alleviated
 (E) action; escalation; aggravated
67. So rarely do we come across _____ Supreme Court judgments that the _____ verdict of the complete nine-justice bench _____ the right to privacy comes to us as a great gift.
 (A) concordant; incredible; involving
 (B) perplexed; standard; affecting
 (C) infamous; exceptional; covering
 (D) unanimous; stunning; concerning
 (E) customary; indifferent; regarding
68. The US _____ its relationship and partnership with Pakistan, the Trump administration has said, days after Islamabad suspended official visits and talks with Washington to _____ against President Donald Trump's criticism of it for providing safe _____ to militants.
 (A) respects; claim; trials
 (B) appreciates; boycott; shelter
 (C) values; protest; havens
 (D) condemns; object; rescue
 (E) denounces; argue; heavens
69. North Korean leader Kim Jong Un _____ for more weapons launches targeting the Pacific Ocean to _____ his country's ability to _____ Guam, an island belonging to the US.
 (A) asked; defend; attack
 (B) called; advance; contain
 (C) looked; boost; persuade
 (D) applied; promote; include
 (E) accounted; strengthen; uplift
70. With its flood defences strained, the _____ city of Houston anxiously watched dams and levees to see if they would _____ until the rain stops. The human toll continued to _____, both in deaths and in the ever-swelling number of scared people.
 (A) impaired; carry; wither
 (B) crippled; hold; mount
 (C) imperfect; bear; surge
 (D) terrible; sustain; escalate
 (E) disabled; stand; dwindle

Directions for questions 71–72: Five statements, labelled (a), (b), (c), (d) and (e), are given as follows. Among these, four statements are in logical order and form a coherent paragraph/passage. From the given options, choose the option that does not fit into the theme of the passage.

71. (a) Is it a monumental mismanagement of the economy as Dr. Singh charges or is it a remedy for the accumulated filth as Prime Minister Narendra Modi claims?
 (b) Dr. Singh speaks less as an economist in which capacity he is respected and more as the former Prime Minister, the role which has actually dented his image.
 (c) Economists say money, growth, prices and jobs are interrelated. Between 2004 and 2010, average money supply grew annually at 18%.
 (d) Undisputed facts, not alluring rhetoric, should decide whether demonetisation is a tragedy or a remedy.
 (e) Dr. Manmohan Singh attacked the demonetisation of high denomination notes by the National Democratic Alliance (NDA) government as the 'making of a mammoth tragedy'.
 (A) (a) (B) (c)
 (C) (e) (D) (b)
 (E) (d)
72. (a) The World Health Organisation (WHO) created a practical pain ladder diagram in 1986 to help guide clinicians treating cancer pain throughout the world.
 (b) Few medical guidelines have had the profound effect on care and the longevity of the three-step WHO pain ladder, and the unofficial adoption of the WHO ladder for use in other pain syndromes, including non-malignant pain, speaks to its relevance and utility.
 (c) The soundest critique of the pain ladder is that it was created in 1986 and has not been modified since that time, despite intervening breakthroughs in our understanding of pain, pain control and the introduction of new methods to treat pain.
 (d) The clinician prescribes medications as pain worsens, moving from one rung to the next.
 (e) New approaches to pain control such as neuro modulation, nerve blocks, intrathecal drug administration and non-pharmaceutical protocols also have been developed.
 (A) (a) (B) (b)
 (C) (c) (D) (d)
 (E) (e)

Directions for questions 73–75: Five statements, labelled A, B, C, D and E, are given as follows. Among

these, four statements are in logical order and form a coherent paragraph. From the given options, choose the option that does not fit into the theme of the paragraph.

73. (A) The advent of the internet and email made it much easier to engage in political discussions with a wide range of people.
 (B) They could stir up ill will between people whose beliefs differ.
 (C) So, in many cases, people would avoid these topics so as not to offend or alienate others.
 (D) Both religious and political beliefs were and are deeply and passionately held by people.
 (E) These discussions would be private and kept to the confines of a home.
74. (A) Economic inequality is rising day by day the world over.
 (B) Disturbing figures keep tumbling out of different researches conducted by different bodies.
 (C) It is the biggest cause of worry for economists and policy makers.
 (D) Universal Basic Income may come as a great relief to the poor, but it is not a permanent solution.
 (E) One such figure indicates that the wealthiest 1% own more wealth than the bottom 99%.
75. (A) The key to managing your time more effectively is to minimise distractions.
 (B) Your time, the hours you spend on this earth, are your most valuable asset.
 (C) How you spend the hours you have been allotted in your life will determine the level of success you experience.
 (D) You waste time when you spend it in unproductive endeavours.
 (E) The result of wasting your time quickly manifests in your life experience.

Directions for questions 76–79: Choose the option which improves the sentence given as follows. Option (A) repeats the original sentence. Choose option (A) if you think that no improvement is required.

76. Some of the symptoms of fat deficiency include flaking of skin and emaciation and reduced functioning of the immune system and fertility problems.
 (A) Some of the symptoms of fat deficiency include flaking of skin and emaciation and reduced functioning of the immune system and fertility problems.

- (B) Some symptoms of fat deficiency include flaking of skin, emaciation and reduced functioning of the immune system and fertility problems.
 (C) Some of the symptoms of fat deficiency include flaking skin, emaciation, reduced functioning of the immune system and fertility problems.
 (D) Some symptoms of fat deficiency include flaking skin, emaciation, reduced functioning of the immune system and fertility problems.
 (E) Some symptoms of fat deficiency are flaking skin, emaciation and reduced functioning of the immune system and fertility problems.

77. The value of tradition is today more apparent than ever before.

- (A) The value of tradition is today more apparent than ever before.
 (B) Today, the value of tradition is more apparent than ever before.
 (C) The value of tradition today is more apparent than ever.
 (D) Before than ever the value of tradition today is more important.
 (E) The value of tradition today is more apparent than before.

78. Standing 325 metres high, Roughusky Dam in the Soviet Union is the world's highest Dam.

- (A) Standing 325 metres high, Roughusky Dam in the Soviet Union is the world's highest Dam.
 (B) Roughusky Dam in Soviet Union which stands at 325 metres is the world's highest Dam.
 (C) The world's highest Dam is the Roughusky Dam in the Soviet Union, which stands at 325 metres.
 (D) The world's highest Dam stands at 325 metres highest is the Roughusky Dam in Soviet Union.
 (E) Roughusky Dam in Soviet Union is the highest Dam in the world standing at a highest of 325 metres.

79. The company will be granted cash credit limit between Rs. 3 lakhs to Rs. 5 lakhs.

- (A) The company will be granted cash credit limit between Rs. 3 lakhs to Rs. 5 lakhs.
 (B) The company will be granted cash credit limit from Rs. 3 lakhs and Rs. 5 lakhs.
 (C) The cash credit limit between Rs. 3 lakhs to Rs. 5 lakhs will be granted to the company.
 (D) The cash credit limit from Rs. 3 lakhs and Rs. 5 lakhs will be granted to the company.

- (E) The company will be granted cash credit limit between Rs. 3 lakhs and Rs. 5 lakhs.

Directions for questions 80–84: The words/phrases in (A), (B), (C) and (D) may replace the words/phrases given in bold in the following questions to make them meaningful and grammatically correct. If a sentence is correct as it is and ‘no correction is required’, then mark (E) as the answer.

80. Under GST, a cess was **stacked** on demerit goods like cars, tobacco, and coal to create a reserve for compensating states for any **growth** of revenue from their taxes like VAT being **acquired from** central **charges** like excise duty and service tax in the GST.
 (A) framed; addition; replaced by; duties
 (B) adopted; increase; charged with; taxes
 (C) imposed; loss; unified with; levies
 (D) accepted; source; equated with; charges
 (E) None of these
81. If world history is anything to **think about**, there comes a major world event every few decades that **converts** the next few. The global financial crisis of 2008 was one. The informal **block** of BRIC(S) nations was established as **regard to** the cracks that had begun to form in the global financial system lead by the Bretton Woods institutions and dominated by the west.
 (A) get lost; defines; body; intended for
 (B) abide by; determines; group; the purpose of
 (C) ponder over; ignores; unit; a view of
 (D) go by; shapes; bloc; a response to
 (E) None of these
82. The court’s decision was the **beginning** of legal challenges to India’s biometric identification programme. Known as Aadhaar, the programme was initially **contained** to give India’s poor – who too often lack identification – a way to gain **approach** to government facilities. And under the government of Prime Minister Narendra Modi, the scope of Aadhaar has grown **surprisingly**.
 (A) composition; prompted; success; immensely
 (B) culmination; conceived; access; significantly
 (C) repudiation; challenged; vision; promptly
 (D) contradiction; limited; entry; willfully
 (E) None of these
83. We like to think we are in charge of our own behaviour – that our thoughts are under our conscious control and that our actions are mostly **deplorable**. But our behaviour is also **in the shape**

of an ancient system of mind control: hormones. These protein messengers are best **known to** their fundamental duty as regulators – think of insulin and blood sugar, for example – but they also bathe the brain in chemical information that **indicates us** about the world around us and the people in it.

- (A) believable; in the wake; called as; repels us
 (B) accountable; by large; known by; pushes us
 (C) reasonable; under the control; known for; tells us
 (D) appreciable; in the hark; called for; asks us
 (E) None of these

84. The most self-evident lesson from the Doklam standoff is that we **inherit** a ‘self-help’ world wherein China is a world power – India is on its own and would have to **fend itself** in case of a clash with China, a country with which every major state in the international system has a **tedious** economic relationship. It is important to note that none of the major powers unambiguously and unreservedly supported India’s **rank** on Doklam.
 (A) inhabit; fend for itself; robust; position
 (B) inhibit; defend itself; futuristic; stand
 (C) inherit; fend by itself; severe; charge
 (D) inculcate; fend others; rigid; control
 (E) None of these

Directions for questions 85–86: The sentences given in the questions, when properly sequenced, form a coherent paragraph. Each sentence is labelled with a letter (A, B, C, D and E). Choose the most logical order of the sentences among the given choices to construct a coherent paragraph.

85. (A) Vedanta literally means the ‘end teachings’ or the distilled essence of the Vedas which, in turn, means ‘sources of knowledge or wisdom’.
 (B) As such, this method has been chosen over other equally valid methods not because it is saying anything fundamentally different but because it appears to be saying it more articulately, thoroughly and directly, and therefore more effectively.
 (C) From time immemorial, there has been in existence a body of knowledge, available to whoever had a sufficient inclination to investigate it.
 (D) We focus on these teachings specifically through a practical philosophical approach known as Vedanta, which represents the basic tenets of the Sanatana Dharma (better known as Hinduism).
 (E) Within it can be found universal/archetypal

principles and laws of nature that provide a means to discover a level of awareness that is literally unfathomable and indescribable from that which we are ordinarily conscious.

- (A) ABCDE (B) CEDAB
(C) EDBCA (D) DACEB
(E) DAEBEC

86. (A) Such events may be collisions with other objects, or reaching certain densities where state changes occur. The Big Bang is just one of many explosions.

(B) The new Many Bang Theory holds that explosions on all scales occur continually. Under the influence of gravity, matter collects at many points throughout the universe, and explodes when certain triggering events occur.

(C) One likely path is gas condensing into stars, which explode leaving neutron stars, which continue to collect matter, becoming black holes. There is a continuum of masses, but the explosions may well occur only at certain critical points along the continuum, perhaps where the material changes state.

(D) Simply because it happened relatively close to us, people tend to think it was the single great formative event of all time and space.

(E) Under this theory, matter is distributed throughout the universe, far beyond what we can now observe. The points where matter collects may be comparable in mass to stars, like neutron stars, to galaxies, like the largest black holes, or much heavier, like the mass that caused the Big Bang.

- (A) ECDAB (B) BCEAD
(C) BADEC (D) AEBDC
(E) BEACD

Directions for questions 87–90: Read each of the following four sentences to find out whether there is any grammatical mistake/error in it. Choose the sentence with no grammatical error as the correct answer. If all of the given sentences are grammatically incorrect, mark (E) as the answer.

87. (A) The Director's presence is expected to soothe the nerves of those within Infosys as well as the investor community.

(B) The second largest software exporter of the country could manage to insulate itself from volatility over the stock due to an extended weekend.

(C) The tri-junction issue was also discussed by special representatives of the two countries, who agreed that there should be no change of status quo on the tri-junction until a final solution is found.

(D) Although scientists are increasingly able to link some extreme weather events to climate change, but when it comes to hurricanes, many say there remain a number of unknowns.

(E) None of these

88. (A) The journey was the culmination of a decade-long plan by the President, whose government has indicated it plans to take political and economic advantage of changes to the Arctic's climate.

(B) While the term is deliberately vague, it is often understood to mean coal plants that capture the carbon dioxide emitted from smokestacks and buried it underground as a way of limiting global warming.

(C) Lately the city, accustomed to starting off, has reinvented itself as a capital of enterprise and environmental ingenuity.

(D) The move is to ban cash transactions above a threshold was aimed at curbing black money by discouraging cash transactions and promoting digital economy.

(E) None of these

89. (A) The key difference in a democracy and a republic lies in the limits placed on government by the law, which has implications for minority rights.

(B) By firing a missile over Japan and putting the Asia-Pacific, including Guam and its major U.S. military base, on notice for more tests, North Korea may have won itself greater military space in a region dominated by enemies.

(C) The central bank was under intense scrutiny since January – after the window for depositing the withdrawn Rs. 500 and Rs. 1,000 banknotes closed – for details on the extent of currency that was returned to the RBI.

(D) The government had in November 2015 and January 2016 raised excise duty on petrol and diesel five times to take on gains arising from plummeting international oil prices.

(E) None of these

90. (A) Another challenge for India is likely to arise from China's plan for a 'BRICS-Plus' or 'Friends of BRICS' grouping, with Foreign Minister Wang Yi's plan to include Pakistan, Sri Lanka and Mexico to the expanded versions of BRICS.

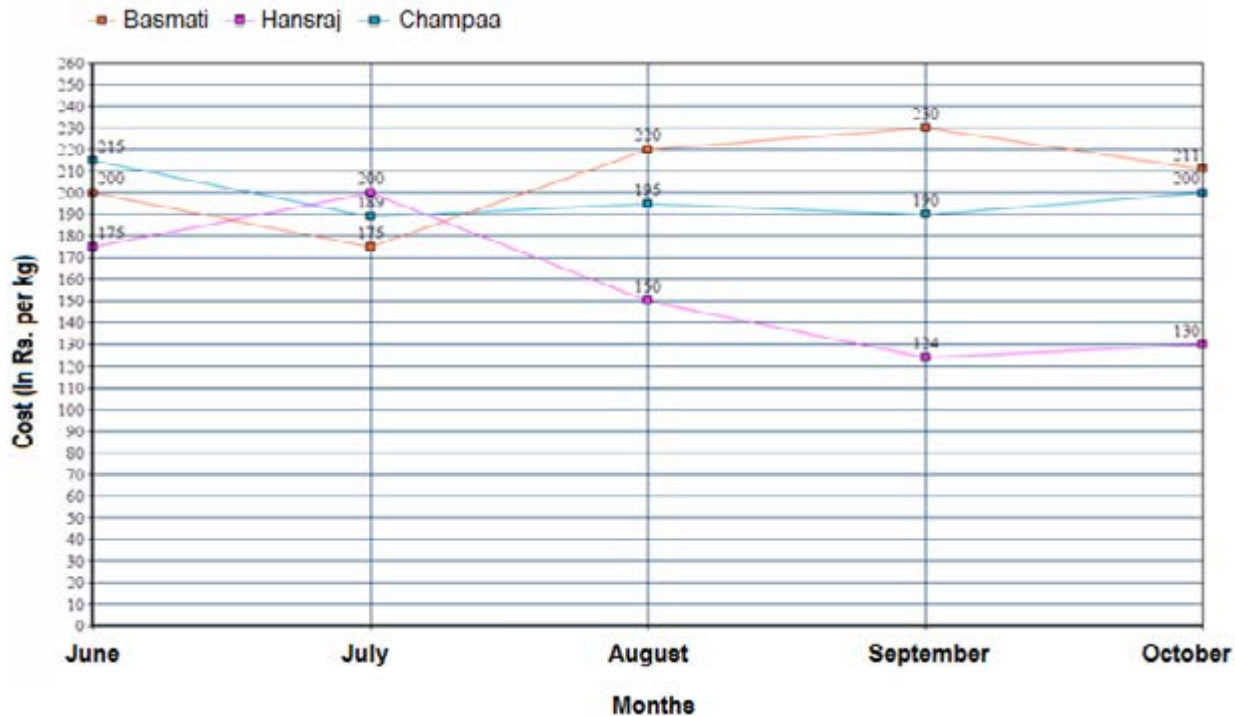
(B) The Public Works Department (PWD) has set up the ball rolling for the restoration of

the historic Humayun Mahal on the
Chepauk palace complex.
(C) After all the pomp and grandeur of
Vinayaka Chaturthi celebrations each year,
Madurai city usually deserted by rains
dunks at least 300 Ganesha idols in the
waterless Vaigai.

(D) While the government said the flyover
would lead to a loss of about 800 trees,
Varun Hemanarayan, founder of Talking
Earth, came up with the shocking figure
about 2,012 trees.
(E) None of these

Quantitative Aptitude (50 Questions)

Directions for questions 91–95: The following line graph shows the price (in Rs. per kg) of three different varieties of rice (Basmati, Hansraj and Champaa) sold by a shop over the given months.



91. If Mohan bought 50 kg of Champaa rice in the month of September and Ram bought 50 kg of Basmati rice in the month of June, then what is the ratio of money spent by Mohan to that spent by Ram?
 (A) 19 : 20 (B) 15 : 14
 (C) 13 : 10 (D) 7 : 9
 (E) 6 : 5
92. The average price of Hansraj rice over the given months is approximately what percent the average price of Basmati over the given months?
 (A) 75% (B) 89%
 (C) 90% (D) 92%
 (E) 93%
93. The average price of all the three varieties of rice is the second minimum in which of the following months?
 (A) June (B) July (C) August (D) September (E) October
94. What is the total money that Ajay needs to pay to the shopkeeper if he bought 23 kg of Basmati rice, 17 kg of Hansraj rice and 10 kg of Champaa rice in the month of October?
 (A) Rs. 9063 (B) Rs. 8432
 (C) Rs. 7003 (D) Rs. 6550
 (E) Rs. 5250
95. If the price of each kind of rice is increased by Rs. 5 in the month of November, then what is the ratio of total prices (per kg) of Basmati and Champaa in November to that of Hansraj and Basmati in August?
 (A) 111 : 192 (B) 256 : 377
 (C) 321 : 51 (D) 333 : 384
 (E) 421 : 370

Directions for questions 96–100: The following table shows the details of employees working in Punjab National Bank in different branches across different states. Study the table carefully and answer the questions that follow.

States	Total number of employees	Male : Female	Postgraduate employees (%)	Employees from urban areas (%)
S1	2900	5 : 5	65	55
S2	3500	2 : 3	42	69
S3	2400	3 : 7	33	58

S4	3000	4 : 5	67	46
S5	4100	2 : 3	54	65

96. What is the ratio of total number of females in the bank branch in states S3 and S5 to the total number of employees in all the bank branches in five states from urban area?

- (A) 123 : 23 (B) 239 : 109
(C) 111 : 98 (D) 987 : 112
(E) 1380 : 3149

97. In which of the following states is the percentage of males to the total number of employees (both males and females) ranked the lowest?

- (A) S1 (B) S2
(C) S3 (D) S4
(E) S5

98. What is the approximate difference in the average number of postgraduate employees in states S1 and S2 and the average number of postgraduate employees in states S3, S4 and S5?

- (A) 6 (B) 17
(C) 29 (D) 33
(E) 45

99. Find the total number of employees from all the states who belong to rural area?

- (A) 4539 (B) 4786
(C) 5438 (D) 5987
(E) 6453

100. If 10% of the males from the bank in state S1 were shifted to the bank in state S4, then what is the ratio of number of females in the bank in state S2 to the total number of employees in the bank in state S4?

- (A) 420 : 629 (B) 42 : 61
(C) 11 : 92 (D) 13 : 19
(E) 9 : 119

Directions for questions 101–105: In the following questions, equations I and II are given. You have to solve both the equations and choose the correct answer.

101. I. $11x^2 + 10x - 1 = 0$
II. $7y^2 + 10y + 3 = 0$

- (A) $x > y$ (B) $x < y$
(C) $x \geq y$ (D) $x \leq y$
(E) $x = y$ or no relationship can be established between x and y

102. I. $10x^2 = 4 - 6x$
II. $3y^2 + 7y + 4 = 0$

- (A) $x > y$ (B) $x < y$
(C) $x \geq y$ (D) $x \leq y$

(E) $x = y$ or no relationship can be established between x and y

103. I. $23x^2 + 47x + 2 = 0$

II. $2y^2 + y = 1$

- (A) $x > y$ (B) $x < y$
(C) $x \geq y$ (D) $x \leq y$

(E) $x = y$ or no relationship can be established between x and y

104. I. $15x^2 + 28x + 5 = 0$

II. $81y + 82 = y^2$

- (A) $x > y$ (B) $x < y$
(C) $x \geq y$ (D) $x \leq y$

(E) $x = y$ or no relationship can be established between x and y

105. I. $50x^2 = 51x - 1$

II. $2y^2 + 31y + 29 = 0$

- (A) $x > y$ (B) $x < y$
(C) $x \geq y$ (D) $x \leq y$

(E) $x = y$ or no relationship can be established between x and y

Directions for questions 106–110: In the following problems, a question is followed by three statements. You have to study the question along with the data provided in the statements and then decide which of the statements are necessary and sufficient to answer the question.

106. What is the total number of employees in the company?

I. The number of male employees is more than the number of female employees by 25.

II. Total number of officers is three-fourth of the clerks.

III. The number of male employees is 126.

- (A) All I, II and III
(B) I and II only
(C) I and III only
(D) II and III only

(E) Question cannot be answered even with the data provided in all the three statements.

107. What is the area of the right-angled triangular garden?

I. The perimeter of the garden is 30 m.

II. The length of the largest side is 13 m.

III. The perpendicular sides of the garden are in the ratio 5 : 12.

- (A) Any two of the three
(B) All I, II and III
(C) Only I and III or only II and III

- (D) Only I and III
(E) None of these
108. What is Sangita's present age?
I. Five years ago, Sangita's age was double that of her son's age that time.
II. Present ages of Sangita and her son are in the ratio 11 : 6, respectively.
III. Five years hence, the respective ratio of Sangita's age and her son's age will become 12 : 7.
(A) Only I and III (B) Only II and III
(C) Only I and II (D) Any two of the three
(E) None of these
109. What is the two-digit number?
I. Sum of the digits is 17.
II. Difference between the number and the number obtained by interchanging the digits is 9.
III. Digit in the units place is bigger than the digit in the tens place by 1.
(A) Only I and II
(B) Only I and either II or III
(C) Only II and III
(D) All I, II and III
(E) None of these
110. What is the speed of the train?
I. The train crosses 300-metre long platform in 21 seconds.
II. The train crosses another stationary train of equal length in $19\frac{1}{2}$ seconds.
III. The train crosses a signal pole in $9\frac{3}{4}$ seconds.
(A) Only I and II
(B) Only II and either I or III
(C) Only I and either II or III
(D) Only III and either I or II
(E) None of these
111. How much time will it take for an amount of Rs. 1000 to yield Rs. 331 as interest at 10% per annum of compound interest?
(A) 2 years (B) 3 years
(C) 4 years (D) 5 years
(E) 6 years
112. Simple interest on a certain sum of money for 6 years at 7% per annum is half of the compound interest on Rs. 6000 for 2 years at 10% per annum. The sum placed on simple interest is
(A) Rs. 1500 (B) Rs. 2000
(C) Rs. 2500 (D) Rs. 3000
(E) None of these
113. A man borrowed the same amount of money every year at 10% compound interest. If at the end of 3 years, he paid Rs. 2641, then how much money had he borrowed each year?
(A) Rs. 695.25 (B) Rs. 725.35
(C) Rs. 755.45 (D) Rs. 780
(E) Rs. 752.35
114. A contractor gives Rs. 2000 for building a wall. If A can build the wall in 10 days and B can build it in 40 days, then find the amount B would get if he worked only for 5 days.
(A) Rs. 100 (B) Rs. 250
(C) Rs. 800 (D) Rs. 1000
(E) None of these
115. Two pipes can fill a cistern in 12 hr and 15 hr. The pipes are opened simultaneously and it is found that due to leakage in the bottom, 20 min extra are taken for the cistern to be filled up. When the cistern is full, in what time will the leak empty it?
(A) 120 hr (B) 130 hr
(C) 140 hr (D) 160 hr
(E) None of these
116. Divide Rs. 17600 among x, y and z in such a way that x receives $\frac{3}{7}$ of what y and z together receive, and y receives $\frac{2}{9}$ of what x and z together receive. Finally, the share of z is (in Rs.)
(A) 9120 (B) 7600
(C) 5500 (D) 4800
(E) Cannot be determined
117. Two trains for Agra leave Delhi at 8 a.m. and 8:45 a.m. and travel at 96 kmph and 132 kmph, respectively. After how many kilometres from Delhi will the two trains meet?
(A) 135 km (B) 196 km
(C) 231 km (D) 264 km
(E) 280 km
118. A cloth merchant buys 25 different coloured shirts. He sells some of them at 15% profit and the remaining at a loss of 10%. If on the whole he earns a profit of 8%, then the number of shirts he sells at a loss is
(A) 6 (B) 18
(C) 7 (D) 12
(E) 10
119. Narang bought two bikes for Rs. 20,000 each. He sold one of them at a profit of 15% and the other at a loss of 5%. What was his net profit/loss%? If he sold the first bike at 20% profit and the second at 25% loss, by what percentage over the previous profit/loss would profit increase/decrease?

- (A) 5%, 70% (B) 5%, 50%
 (C) 5%, 60% (D) 6%, 50%
 (E) None of these
120. Two guns are fired from the same place after an interval of 12 min, but a person approaching the place on a motorcycle hears the sound after an interval of 11 min 15 sec. Find his speed, when the sound is travelling at the rate of 335.28 m/sec.
 (A) 80.46 kmph (B) 89.32 kmph
 (C) 96 kmph (D) 108 kmph
 (E) None of these
121. An equilateral triangle, a square and a circle are of the same perimeter. If E, S and C be the respective areas of the equilateral triangle, square and circle, then
 (A) $E > S > C$ (B) $E < S < C$
 (C) $E < C < S$ (D) $S < E < C$
 (E) $S = E = C$
122. The expenses for a kitty party vary with the number of guests (cost is partly fixed and partly variable). When the number of guests is 250, the expenses are Rs. 1600 and when the number of guests is 350, the expenses are Rs. 2100. If the number of guests is 175, then the expenses are
 (A) Rs. 1000 (B) Rs. 1225
 (C) Rs. 1350 (D) Rs. 1120
 (E) Rs. 1600
123. Milk sold by a milkman contains 5% water. What quantity of pure milk should be added to 200 litres, so that water content may come down to 2%?
 (A) 160 litres (B) 200 litres
 (C) 250 litres (D) 100 litres
 (E) None of these
124. In a class of 80 children, 35% children can play only cricket, 45% children can play only table tennis and the remaining children can play both the games. In total, how many children can play cricket?
 (A) 55 (B) 44
 (C) 36 (D) 28
 (E) None of these
125. From 200 litres of 80% concentrated milk, 30 litres is taken out and water is added. The new concentration of milk in the mixture is
 (A) 60% (B) 68%
 (C) 70% (D) 172%
 (E) 175%

Directions for questions 126–130: Find the missing term in the following series.

126. 56, 60, 76, ?, 636
 (A) 121 (B) 156
 (C) 180 (D) 297
 (E) 346
127. 5, 8.5, 19.5, 71.25, 289.5, ?
 (A) 851.25 (B) 980.5
 (C) 1100.25 (D) 1250.5
 (E) 1597.25
128. 18, 45, 260, ?, 12230
 (A) 640 (B) 765
 (C) 1122 (D) 1320
 (E) 1643
129. 113, 118, 128, 139, ?, 160
 (A) 141 (B) 147
 (C) 152 (D) 155
 (E) 159
130. 678, 710, 806, 966, 1190, ?
 (A) 1478 (B) 1376
 (C) 1234 (D) 1209
 (E) 1245

Directions for questions 131–135: What should come in place of the question mark (?) in the following equations?

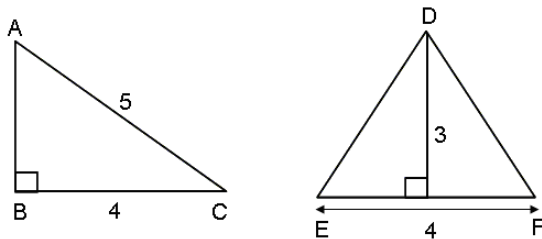
131. $(145 \div 5 - 11) \times 17 = (?)^2 \div 3 + 231$
 (A) 9 (B) 15
 (C) 27 (D) 35
 (E) 48
132. $(\sqrt{(180)} - \sqrt{80}) \times \sqrt{720} = ?$
 (A) 193 (B) 165
 (C) 120 (D) 105
 (E) 94
133. $? = 8\frac{4}{7} + 2\frac{2}{7} \times 3\frac{3}{5}$
 (A) $7\frac{12}{17}$ (B) $9\frac{11}{19}$
 (C) $11\frac{7}{16}$ (D) $13\frac{16}{21}$
 (E) $16\frac{28}{35}$
134. $\sqrt{\left(23 + \sqrt{(81)\frac{1}{2} - (25)\frac{1}{2}}\right)} = ? - 18\% \text{ of } 1500$
 (A) 189 (B) 219
 (C) 253 (D) 275
 (E) 314

135. $\frac{1}{3}$ of $\frac{44}{15}$ of $\frac{8}{11}$ of ? = 96
 (A) 90 (B) 121
 (C) 135 (D) 176
 (E) 180

Directions for questions 136–140: The following questions consist of two quantities, Quantity I and Quantity II. You are to compare the two quantities and find the correct relationship between both of them.

136. **Quantity I:** Length of train A, running at a speed of 54 km/h, which crosses a platform of length 70 m in 8 sec
Quantity II: Length of train B, running at a speed of 72 km/h, which crosses a platform of length 90 m in 8 sec
 (A) Quantity I > Quantity II
 (B) Quantity I < Quantity II
 (C) Quantity I ≥ Quantity II
 (D) Quantity I ≤ Quantity II
 (E) Quantity I = Quantity II, or No relation
137. Find the amount received by Pawan and Raman after investing in securities for 2 years.
Quantity I: Pawan got a return of 20% on an amount 137.
Quantity II: Raman got a negative return of 20% on an amount 337.
 (A) Quantity I > Quantity II
 (B) Quantity I < Quantity II
 (C) Quantity I ≥ Quantity II
 (D) Quantity I ≤ Quantity II
 (E) Quantity I = Quantity II, or No relation

138.



Quantity I	Quantity II
Area(Δ ABC)	Area(Δ DEF)

- (A) Quantity I > Quantity II
 (B) Quantity I < Quantity II
 (C) Quantity I ≥ Quantity II
 (D) Quantity I ≤ Quantity II
 (E) Quantity I = Quantity II, or No relation
139. Four men and six women can finish a task in 8 days, while three men and seven women can finish it in 10 days. In how many days will 10 women working together finish it?
Quantity I: Number of days that ten women take to finish the task
Quantity II: 40 days
 (A) Quantity I > Quantity II
 (B) Quantity I < Quantity II
 (C) Quantity I ≥ Quantity II
 (D) Quantity I ≤ Quantity II
 (E) Quantity I = Quantity II, or No relation
140. The ratio between the length and the breadth of a rectangular park is 3 : 2. A cyclist goes along the boundary of the park at the speed of 12 km/hr and completes one round in 8 min.

Quantity 1	Quantity 2
Area of the park	150,000 m ²

- (A) Quantity I > Quantity II
 (B) Quantity I < Quantity II
 (C) Quantity I ≥ Quantity II
 (D) Quantity I ≤ Quantity II
 (E) Quantity I = Quantity II, or No relation

Reasoning Ability and Computer Aptitude (50 Questions)

Directions for questions 141–145: Read the following information carefully and answer the questions that follow.

‘Amazing kick hijack park’ is coded as ‘*4a #3i &4i +3a’.
‘Parents grazing awfully knapper’ is coded as ‘+5a \$5a *5a #5a’.
‘Hazard keywords parade grab’ is coded as ‘&4a #6e +3a \$3a’.
‘Glaciers knock antique panel’ is coded as ‘\$5a #4o *3a +3a’.

141. Which of the following words is coded as ‘\$6a’?
(A) Growing (B) Glittering
(C) Gangster (D) Packing
(E) Pending
142. What will be the code for ‘Have killing ambitions’?
(A) &2a #2i *5a (B) &2a #5i *5a
(C) &5a #5i *5a (D) &2a *5i #5a
(E) #2a &5i *5a
143. Which of the following set of words can be coded as ‘#6i \$3e +4a’?
(A) Knot gross petals
(B) Please keep grills
(C) Gears keeps pillows
(D) Knitting green pyjama
(E) Put glass kenster
144. Which among the following words cannot be coded using the given information?
(A) Kingster (B) Hamster
(C) Peacock (D) Roadside
(E) Pedestrian
145. Which of the following words can be coded as ‘&5a’?
(A) Hangover
(B) Systemic
(C) Happiest
(D) Penguins
(E) Both ‘Hangover’ and ‘Happiest’

Directions for questions 146–150: Study the information and answer the following questions.

Eight persons A, B, C, D, E, F and G of a family are seated around a circular table facing the centre at equidistant, but not necessarily in same order. G is the brother-in-law of C. B is the son of A. C is not the neighbour of A’s son. H is sitting opposite to his mother. F or A is not the daughter-in-law of C. E has two children.

A is second to the left of his grandson. F is the granddaughter of A. F and C are sitting adjacent to each other and none of them is a male member. Mother of B is third to the right of brother of A. C is the grandmother of D. D and B are not neighbours. D is the immediate neighbour of F’s son and A’s brother. Daughter-in-law of C is third to the right of B.

146. Who is the mother of D’s father?
(A) C (B) E
(C) F (D) A
(E) None of these
147. Who is seated third to the left of E’s son?
(A) C (B) D
(C) E (D) F
(E) G
148. Who is seated to the immediate left of F’s son?
(A) A (B) B
(C) C (D) D
(E) E
149. What is the position of H’s grandmother with respect to C’s granddaughter?
(A) Second to the left
(B) Second to the right
(C) Third to the left
(D) Third to the right
(E) None of these
150. Which of the following statements is correct?
(A) B is sitting with his daughter.
(B) D is sitting with his sister.
(C) A is third to the left of his son.
(D) D and H are siblings.
(E) G is sitting to the immediate right of his nephew.

Directions for questions 151–152: The following problems consist of a question, followed by three statements numbered I, II and III. You have to decide whether the data provided in the statements is sufficient to answer the question. Read all the three statements carefully and mark answer according to the codes given below:

- (a) If the data in statements I and II is sufficient to answer the question, while the data in statement III is not required to answer the question
- (b) If the data in statements I and III is sufficient to answer the question, while the data in statement II is not required to answer the question

(c) If the data in statements II and III is sufficient to answer the question, while the data in statement I is not required to answer the question

(d) If the data in statement I alone, statement II alone, or statement III alone is sufficient to answer the question

(e) If the data in all the statements I, II and III together is necessary to answer the question

151. In a family of six members, there is only one married couple. How is R related to K in that family?

I. M is the maternal grandfather of P, who has only one child. J is the brother-in-law of S.

II. Sister of S is married to the person who is the father of P.

III. S is the maternal uncle of P, who is the daughter R.

(A) a (B) b

(C) c (D) d

(E) e

152. The code for 'health referred to ability' is 'sa ti mr ap'. What is the code for 'ability' in the given coded language?

I. The code for 'person referred with health' is 'sa mp ap gi'.

II. The code for 'health able to recover' is 'ti po ni ap'.

III. The code for 'focus is not deferred' is 'gf ur ds sa'.

(A) a (B) b

(C) c (D) d

(E) e

Directions: The following problem consists of a question, followed by three statements numbered I, II and III. You have to decide which of the statement(s) is/are sufficient to answer the question. Read all the three statements carefully and then mark your answer accordingly.

153. What is the direction of point B with respect to point C?

I. Point B is 3 m to the west of point X. Point R is 8 m to the east of point Y. Point Y is 7 m to the south of point X.

II. Point T is 4 m to the north of point Q. Point R is 5 m to the west of point Q. Point C is 7 m to the east of point S. Point S is 10 m to the south of point Q.

III. Point B is 11 m to the east of point P. Point Z is 6 m to the east of point U. Point R is 6 m to the north of point U and 7 m to the south of point P. Point A is 4 m to the west of point U.

(A) Both I and II

(B) Both II and III

(C) II and either I or III

(D) All I, II and III

(E) I and either II or III

Directions for questions 154–155: The following problems consist of a question, followed by three statements, numbered I, II and III. You have to decide whether the data provided in the statements is sufficient to answer the question. Read all the three statements carefully and mark answer according to the codes given below:

(a) If the data in statements I and II is sufficient to answer the question, while the data in statement III is not required to answer the question

(b) If the data in statements I and III is sufficient to answer the question, while the data in statement II is not required to answer the question

(c) If the data in statements II and III is sufficient to answer the question, while the data in statement I is not required to answer the question

(d) If the data in statement I alone, statement II alone, or statement III alone is sufficient to answer the question

(e) If the data in all the statements I, II and III together is necessary to answer the question

154. Eight persons A, B, C, D, E, F, G and H are sitting around a circular table facing the centre.

Who is sitting opposite to A?

I. A is third to the left of B and there are two persons between C and D, if counted from the left of C, but neither C nor D is an immediate neighbour of A.

II. F is not an immediate neighbour of C, and B is not the immediate neighbour of E and H.

III. H is fourth to the right of D, who is not an immediate neighbour of E.

(A) a (B) b

(C) c (D) d

(E) e

155. How many students are there in a row?

I. M is eighth from the left and P is sixteenth from the right. The number of students between M and Q is same as the number of students between Q and R.

II. S is sitting at one of the extreme ends. The number of students between R and P is 5 and the number of students between R and S is 20.

III. The number of students between Q and P is 16 and the number of student between R and M is 21.

(A) a (B) b

(C) c (D) d

(E) e

Directions: In making decisions about important questions, it is desirable to be able to distinguish between

‘strong’ arguments and ‘weak’ arguments. ‘Strong’ arguments are those which are both important and directly related to the question. ‘Weak’ arguments are those which are of minor importance and also may not be directly related to the question or may be related to a trivial aspect of the question.

The question given below is followed by two arguments, numbered I and II. You have to decide which of the arguments is a ‘strong’ argument and which is a ‘weak’ argument and then answer accordingly.

156. Should the state governments be allowed to retain major shares of the central taxes collected in the respective states?

Arguments:

I. No, the central government should receive the major share, as most of the developmental programmes are envisaged by the central government.

II. Yes, most of the state governments are short of funds and they need more funds.

- (A) Only argument I is strong.
(B) Only argument II is strong.
(C) Either I or II is strong.
(D) Neither I nor II is strong.
(E) Both I and II are strong.

Directions: In the following question, there are three statements followed by two conclusions, numbered I and II. You have to take the given statements to be true even if they seem to be at variance with commonly known facts and then decide which of the given conclusion(s) logically follow(s) from the given statements disregarding commonly known facts.

157. **Statements:**

Some oceans are seas.

All oceans are rivers.

No river is a canal.

Conclusions:

I. All rivers can never be oceans.

II. All canals being oceans is a possibility.

- (A) Only conclusion I follows.
(B) Only conclusion II follows.
(C) Either conclusion I or II follows.
(D) Neither conclusion I nor II follows.
(E) Both conclusions I and II follow.

Directions for questions 158–160: In the following questions, there is a statement followed by two courses of action, numbered I and II. A course of action is a step or administrative decision to be taken for improvement, follow-up or further action in regard to the problem, policy, etc. On the basis of the information given in the statement, you have to assume everything in the statement

to be true. Then, decide which of the suggested course(s) of action logically follow(s) for pursuing.

158. **Statement:** A very large number of people gathered outside the local police station to submit a memorandum on behalf of the residents highlighting police in action in curbing incidents of theft and burglary in the neighbourhood for the past few months.

Courses of action:

I. The police authority should form a team of officers to talk to the representatives of the residents and assure them that proper steps will be taken to stop the menace.

II. The police authority should advise the people gathered outside the police station to disperse and promise them quick action.

- (A) Only I follows.
(B) Only II follows.
(C) Either I or II follows.
(D) Neither I nor II follows.
(E) Both I and II follow.

159. **Statement:** At least five students were killed due to a stampede in one city school as the students tried to leave the school building fearing short circuit.

Courses of action:

I. The principal of the school should immediately be arrested.

II. The government should immediately order closure of the school permanently.

- (A) Only I follows.
(B) Only II follows.
(C) Either I or II follows.
(D) Neither I nor II follows.
(E) Both I and II follow.

160. **Statement:** Two local passenger trains collided while running in opposite directions on the same track as the signalling system failed for a brief period.

Courses of action:

I. The services of the motormen of the trains should immediately be terminated.

II. The government should immediately constitute a task force to review the functioning of the signalling system.

- (A) Only I follows.
(B) Only II follows.
(C) Either I or II follows.
(D) Neither I nor II follows.
(E) Both I and II follow.

Directions for questions 161–165: Study the information carefully and answer the questions.

E, F, G, H, I, J, K, L, M and N are workers of same factory who work on different days of the week from Monday to Friday. Two workers work each day but in different shifts (morning shift – 6 a.m. and evening shift – 5 p.m.).

(Note: Working in the same shift means if one is doing the morning shift, the other one will also be doing the morning shift.) H works in the same shift as K but he does not work on the same day when N works. I works in the same shift as F but 2 days after F. M works immediately a day after N. G works immediately a day after L but not in the same shift. N works 3 days before I but not in the same shift. E and N work in the same shift. J and L work on the same day. F goes to work at 5 p.m. on Wednesday. G neither works on the day when F works nor on the day when N works.

161. Who among the following works on Monday morning?
(A) E (B) H
(C) N (D) K
(E) M
162. How many workers work after K but before F?
(A) None (B) One
(C) Two (D) Three
(E) Four
163. If N is related to K in the same way as G is related to I, then which of the following is E related to following the same pattern?
(A) M (B) F
(C) H (D) J
(E) L
164. After how many days of H's shift does I work?
(A) One (B) Two
(C) Three (D) Four
(E) Cannot be determined
165. Four of the following five are alike in a certain way and, thus, form a group. Which is the one that does not belong to that group?
(A) LI (B) HK
(C) NM (D) JG
(E) EF

Directions for questions 166–171: Study the following information and answer the questions.

There are five students A, B, C, D and E who are standing according to their heights. They all have different age and weight. Sum of the numbers representing weight and age of all students is 385. They all are qualified in different streams, i.e. MSc, LLB, BCom, BCA and BSc. Weight is taken in kilograms and age is taken in years, both in whole numbers.

Age of A is 2 years less than E, who is 1 year younger than C. Total weight of the students who are qualified in BSc and LLB is 109 kg and weight of both the persons is more than 50 kg but less than 57 kg. One who is qualified in BCom is shorter than A only. Height of E is not less than that of D. Difference between the numbers representing weight of C and age of B is 32. Age of D is 25 years, which is 30 less than the number representing weight of A. One who is qualified in BSc is taller than the student who is qualified in LLB but shorter than B. There is only one person who is taller than C. A is qualified in MSc. Weight of B is 10 kg more than that of C. Age of B is more than 17 years. Total of the numbers representing age and weight of B is 78. Weight of E is 7 kg less than that of B but it is more than 50 kg and less than 55 kg.

166. Who is the youngest student?
(A) A (B) B
(C) C (D) D
(E) E
167. What is the weight of the student who is qualified in LLB?
(A) 50 kg (B) 53 kg
(C) 54 kg (D) 55 kg
(E) 56 kg
168. If student C is coded as 29 and student D is coded to 30, then how will student A be coded in the same way?
(A) 23 (B) 24
(C) 25 (D) 26
(E) 27
169. What is the total of the numbers representing age of E and weight of A?
(A) 74 (B) 76
(C) 78 (D) 83
(E) None of these
170. Four of the given five are alike in a certain way and hence, form a group. Which of the following does not belong to the group?
(A) A – 72 (B) B – 74
(C) C – 70 (D) D – 77
(E) E – 70
171. Which of the following streams does E belong to?
(A) BCom (B) BCA
(C) BSc (D) LLB
(E) Data inadequate

Directions for questions 172–176: A number-arrangement machine, when given an input of words and numbers, rearranges them following a particular rule in each step. The following is an illustration of input and steps of rearrangement:

Input – more 43 12 bat saviour 97 72 31 xenon ink maths 25 52 champion

Step 1: 12 more 43 saviour 97 72 31 xenon ink maths 25 52 champion bat

Step 2: 25 12 more 43 saviour 97 72 31 xenon ink maths 52 bat champion

Step 3: 31 25 12 more 43 saviour 97 72 xenon maths 52 bat champion ink

Step 4: 43 31 25 12 more saviour 97 72 xenon 52 bat champion ink maths

Step 5: 52 43 31 25 12 saviour 97 72 xenon bat champion ink maths more

Step 6: 72 52 43 31 25 12 97 xenon bat champion ink maths more saviour

Step 7: 97 72 52 43 31 25 12 bat champion ink maths more saviour xenon

Step 7 is the last step of the above input.

On the basis of the above arrangement, answer the question that follows based on the input given.

Input – 83 work same 12 30 never brave it fear 52 26 van 67 92

172. What is the number of steps required to complete the given input?
 (A) 6 (B) 7
 (C) 8 (D) 9
 (E) None of these

173. In step 6, which of the following is fourth to the right of eighth element from the left end?
 (A) 27 (B) it
 (C) never (D) 84
 (E) None of these

174. Which step gives the following output?
 30 26 12 83 work same never 52 van 92 67 brave fear it
 (A) 3
 (B) 4
 (C) 5
 (D) No such step is available.
 (E) None of these

175. In step 5, if '67' is related to '26' and '83' is related to '92', then 'work' is related to
 (A) brave (B) fear
 (C) 83 (D) van
 (E) None of these

176. In step 4, how many elements are there between the element which is fourth from the left end and the element which is third from the right end?
 (A) 8 (B) 7
 (C) 6 (D) 5
 (E) 4

Directions for questions 177–181: Study the given information carefully and answer the following questions.

Ten people are sitting in two parallel rows containing five people each in such a way that there is an equal distance between adjacent persons. In Row 1, Q, R, S, T and U are seated (not necessarily in the same order). In Row 2, E, F, G, H and I are seated (not necessarily in the same order). Some members are facing south and some members are facing north. Therefore, in the given seated arrangement, each member seated in a row sits opposite to another member of the other row either facing north or south.

Neither S nor Q face the same direction nor do S and F. H is not sitting at the extreme end. U and R are not immediate neighbours. S and F sit opposite to each other. The person seated second to the left of R is facing north. The person seated opposite to Q is facing north. There are exactly two people between T and U. R and E sits at extreme ends but not opposite to each other. H is third to the right of G and both of them are facing the same direction. F is second to the right of E. I and U are not facing the same direction. The person seated third to the left of T is facing south.

177. Who among the following sits opposite to the person who is sitting second to the right of I?
 (A) T (B) S
 (C) U (D) Q
 (E) R

178. Which of the following statements is true regarding H?
 (A) H is immediately to the right of F.
 (B) H and E are not facing the same direction.
 (C) H is facing south.
 (D) I is second to the right of H.
 (E) H is sitting opposite to S.

179. Who among the following sits opposite to person who is immediate to the right of U?
 (A) H (B) E
 (C) F (D) G
 (E) I

180. What is the position of I with respect to G?
 (A) Second to the right
 (B) Immediate left
 (C) Immediate right
 (D) Second to the left
 (E) Either 1 or 4

181. Four of the given five are alike in a certain way based on the given arrangement and hence form a group. Which of them does not belong to that group?
 (A) T (B) E (C) F
 (D) I (E) U

Directions for questions 182–183: Study the given information carefully and answer the following questions.

I, J, K, L, M, N, O, P are eight gas stations owned by the same person. P is to the south of J. N is 13 km to the west of O. The distance between J and M is double the distance between K and L. L is 6 km to the east of K. P is 15 km to the west of I, which is 1 km to the north of O. M is 21 km to the north of L. K is 14 km to the south of N. J is to the west of M.

182. If a man has to travel to J from I (through these points by the shortest distance), then which of the following points will he pass through first?
 (A) M (B) P
 (C) L (D) O
 (E) Either M or P
183. What is the direction of K with respect to O?
 (A) North (B) East
 (C) Northeast (D) Southwest
 (E) South

Directions for questions 184–188: In these questions, the symbols @, #, %, & and \$ are used with the following meanings:

A @ B means A is equal to B.
 A # B means A is greater than B.
 A % B means A is less than B.
 A & B means A is greater than or equal to B.
 A \$ B means A is less than or equal to B.
 Assuming the given statements to be true, find out which of the two conclusion(s) 1 and 2 given is/are definitely true.

184. **Statement:**
 P # Q @ K # L
Conclusions:
 1. P # K
 2. P % K
 (A) Conclusion 1 is true.
 (B) Conclusion 2 is true.
 (C) Either conclusion 1 or conclusion 2 is true.
 (D) Neither conclusion 1 nor conclusion 2 is true.
 (E) Both conclusions 1 and 2 are true.
185. **Statement:**
 I & L, I \$ N, N % Q
Conclusions:
 1. Q % L
 2. I # Q
 (A) Conclusion 1 is true.

- (B) Conclusion 2 is true.
 (C) Either conclusion 1 or conclusion 2 is true.
 (D) Neither conclusion 1 nor conclusion 2 is true.
 (E) Both conclusions 1 and 2 are true.

186. **Statement:**
 K \$ L, N # T, R # L
Conclusions:
 1. R # K
 2. N # L
 (A) Conclusion 1 is true.
 (B) Conclusion 2 is true.
 (C) Either conclusion 1 or conclusion 2 is true.
 (D) Neither conclusion 1 nor conclusion 2 is true.
 (E) Both conclusions 1 and 2 are true.
187. **Statement:**
 D @ A, B # C, A \$ C
Conclusions:
 1. B @ D
 2. B # A
 (A) Conclusion 1 is true.
 (B) Conclusion 2 is true.
 (C) Either conclusion 1 or conclusion 2 is true.
 (D) Neither conclusion 1 nor conclusion 2 is true.
 (E) Both conclusions 1 and 2 are true.
188. **Statement:**
 A % B, A # C, C % D
Conclusions:
 1. C % B
 2. D # C
 (A) Only conclusion 1 is true.
 (B) Only conclusion 2 is true.
 (C) Either conclusion 1 or conclusion 2 is true.
 (D) Both conclusions 1 and 2 are true.
 (E) Neither conclusion 1 nor conclusion 2 is true.
189. Which network topology is considered to be the most reliable?
 (A) Mesh topology (B) Star topology
 (C) Bus topology (D) Ring topology
 (E) Tree topology
190. Which of the following is **not** a type of LAN technology?
 (A) Ethernet (B) ARCNET
 (C) Token Ring (D) NetWare
 (E) Wi-Fi

IBPS Clerical (Mains) Mock Test Answer Key– 6

1.(E)	2. (E)	3. (A)	4. (A)	5. (C)	6. (A)	7. (E)	8. (C)
9. (B)	10. (C)	11.(A)	12. (B)	13. (C)	14. (A)	15. (D)	16. (B)
17. (A)	18. (E)	19. (A)	20. (C)	21. (B)	22. (C)	23. (C)	24. (D)
25. (C)	26. (E)	27. (C)	28. (D)	29. (C)	30. (A)	31. (B)	32. (E)
33. (B)	34. (D)	35. (B)	36. (E)	37. (C)	38. (D)	39. (A)	40. (E)
41. (A)	42. (E)	43. (A)	44. (A)	45. (B)	46. (A)	47. (A)	48. (B)
49. (C)	50. (A)	51. (A)	52. (A)	53. (D)	54. (C)	55. (B)	56. (B)
57. (C)	58. (E)	59. (C)	60. (D)	61. (D)	62. (C)	63. (E)	64. (C)
65. (D)	66. (A)	67. (D)	68. (C)	69. (B)	70. (B)	71. (B)	72. (E)
73. (A)	74. (D)	75. (A)	76. (D)	77. (C)	78. (C)	79. (E)	80. (C)
81. (D)	82. (B)	83. (C)	84. (A)	85. (B)	86. (C)	87. (C)	88. (A)
89. (B)	90. (C)	91. (A)	92. (A)	93. (D)	94. (A)	95. (E)	96. (E)
97. (C)	98. (A)	99. (E)	100. (A)	101. (E)	102. (C)	103. (E)	104. (E)
105. (A)	106. (C)	107. (A)	108. (D)	109. (B)	110. (C)	111. (B)	112. (A)
113. (B)	114. (B)	115. (C)	116. (A)	117. (D)	118. (C)	119. (B)	120. (A)
121. (B)	122. (B)	123. (E)	124. (B)	125. (B)	126. (B)	127. (E)	128. (E)
129. (C)	130. (A)	131. (B)	132. (C)	133. (E)	134. (D)	135. (C)	136. (B)
137. (B)	138. (E)	139. (E)	140. (A)	141. (C)	142. (B)	143. (D)	144. (D)
145. (E)	146. (A)	147. (C)	148. (A)	149. (B)	150. (A)	151. (E)	152. (A)
153. (C)	154. (A)	155. (B)	156. (D)	157. (A)	158. (C)	159. (D)	160. (E)
161. (A)	162. (B)	163. (C)	164. (D)	165. (E)	166. (B)	167. (E)	168. (D)
169. (C)	170. (E)	171. (C)	172. (B)	173. (C)	174. (D)	175. (A)	176. (B)
177. (D)	178. (B)	179. (A)	180. (C)	181. (D)	182. (E)	183. (D)	184. (A)
185. (D)	186. (A)	187. (B)	188. (D)	189. (A)	190. (D)		

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The book is meant to provide comprehensive practice to aspirants for IBPS (and other banks) Clerk. It takes care of their preparation at two stages: Preliminary Exam and Main Exam. Since IBPS has modified the test pattern for Mains Exam as per 2017 notification, new mock (Mock Test – 6) has been added to reflect the change. Also, two mock tests – Prelims (11 and 12) have been added. Since the tests are designed exactly as per the sectional division, structure and format of the actual exams, it is a self-contained and comprehensive tool for final preparation. The mock tests at both the selection stages are followed by proper explanations/solutions for the test takers to study and build proper exam-taking strategies. The book also contains a scratch card to access 7-day unlimited testing on TCYOnline.com as well as TCY voucher for 20% off on any Bank Pack. For additional information, aspirants can visit TCYOnline.com



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