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Quantitative Aptitude

Directions (1-5): What value should come in the place of (?) in the following number series.

1) 8, 5, 7, 13.5, 31, ?

- a) 82.5
- b) 87.5
- c) 92.5
- d) 62
- e) 78.5

2) 3, 6, 12, 36, 180, ?

- a) 1145
- b) 1048
- c) 1285
- d) 1332
- e) 1308

3) 9, 28, 55, 66, 101, ?

- a) 104
- b) 108
- c) 110
- d) 112
- e) 118

4) 209, ?, 220, 187, 231, 176

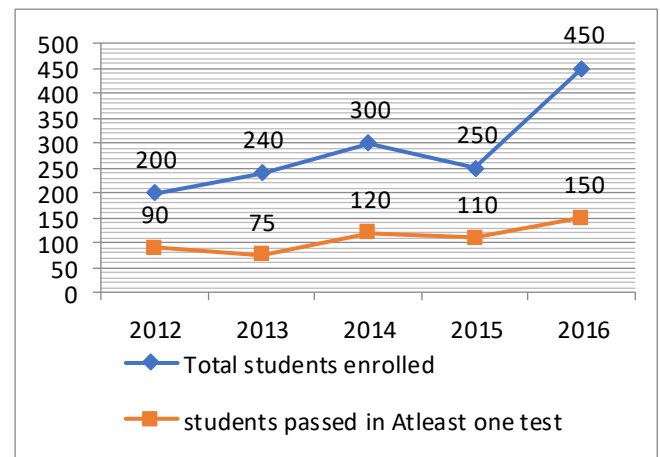
- a) 188
- b) 192
- c) 196
- d) 198
- e) 202

5) 60.75, ?, 27, 18, 12, 8

- a) 38.5
- b) 40.5
- c) 42.5
- d) 44.5
- e) 36

Directions (6-10): Study the following information carefully and answer the questions given below.

The given line graph shows the number of students enrolled and the number of students who passed in at least one test in five different years.



Total students enrolled = students passed in at least one test + students not qualified.

6) In 2016, out of the total not qualified students, 20% of the students re-apply for the exam in 2017. (In 2017 total students enrolled = re-applied from 2016 + new applicants). The ratio of the number of students who passed in at least one test in 2013 and 2017 is 3:2. Out of the total passed students in 2017, 96%

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are new applicants, then find the number of re-applied students who did not qualify in 2017.

- a) 58
- b) 64
- c) 66
- d) 56
- e) 54

7) In 2012, there were three tests A, B and C. 20% of students passed in only test A, 30% students passed in only B and 20% students passed in only test C. Number of students passes in all three tests is 9, then find the number of students who passed in exactly two tests.

- a) 12
- b) 14
- c) 16
- d) 18
- e) 20

8) What is the ratio of the number of students not qualified in 2012 to the number of students qualified in 2015?

- a) 1:2
- b) 2:1
- c) 1:1
- d) 3:2
- e) 2:3

9) What is the average number of students who are not qualified in 2013, 2014 and 2016?

- a) 220

- b) 215
- c) 218
- d) 212
- e) None of these

10) The number of students who are not qualified in 2017 is 30% more than that of 2015. What is the difference between the number of students who are not qualified in 2017 and 2012?

- a) 68
- b) 70
- c) 72
- d) 74
- e) 76

Directions (11-15): Study the following information carefully and answer the questions given below.

The Given table shows the cumulative percentage of whole seller sold 6000kg of wheat to five different shopkeepers A, B, C, D and E and percentage of wheat sold by shopkeeper to customers.

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Shopkeepers	Cumulative percentage of whole seller sold 6000kg of wheat to five different shopkeepers	percentage of wheat sold by shopkeeper to customers
A	20%	75%
B	42%	70%
C	57%	70%
D	82%	60%
E	100%	50%

11) What is the average unsold quantity of wheat for all the shopkeepers?

- a) 421.2 kg
- b) 422.4 kg
- c) 424.5 kg
- d) 426.3 kg
- e) 425.8 kg

12) If shopkeeper B got 33% total quantity, then what is the unsold quantity for E? (All respective values are same)

- a) 480
- b) 520
- c) 500
- d) 540
- e) 560

13) If shopkeeper F got unsold wheat of shopkeeper C and he sold one-third at the cost price and remaining at the profit of 20%, then

what is the selling price of shopkeeper F. If C sold his unsold wheat at Rs.10 per kg to F?

- a) Rs.2880
- b) Rs.2940
- c) Rs.3020
- d) Rs.3040
- e) Rs.3060

14) If shopkeeper A sold wheat at Rs.51 per kg and makes an overall profit of 6.25%, then find the cost price of wheat per kg?

- a) Rs.48
- b) Rs.52
- c) Rs.50
- d) Rs.45
- e) None of these

15) What is the difference between the sold quantity of wheat in E and C?

- a) 85 kg
- b) 90 kg
- c) 95 kg
- d) 100 kg
- e) None of these

Directions (16-20): Study the following information carefully and answer the questions given below.

There are three companies A, B and C. The number of vacancies released by Company A, B and C are 2, 4 and 1 respectively. The number of candidates who got an interview call for each

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post in A are 24, same for company B are $2x$ and for company C are x .

The total number of candidates who applied in C is one-fourth of the total number of candidates applied in B or three-fifth of the total number of candidates who applied in A. Difference between the number of candidates who get an interview call in B and C is 105.

16) What is the ratio of the number of candidates who got an interview call in B and C?

- a) 4:1
- b) 8:1
- c) 2:1
- d) 5:1
- e) None of these

17) What is the average number of candidates who got interview calls for all the companies?

- a) 61
- b) 62
- c) 63
- d) 59
- e) None of these

18) Total number of candidates who applied for B is what percentage more or less than that of A?

- a) 120%
- b) 140%
- c) 150%
- d) 110%
- e) 160%

19) Out of the total number of candidate who got an interview call from A, 75% are females and after selection process company A allotted its posts to male and female equally, then find the number of females who did not get Job in that company.

- a) 33
- b) 35
- c) 36
- d) 18
- e) 27

20) Find the value of x

- a) 12
- b) 10
- c) 15
- d) 20
- e) 24

21) A rectangle ABCD is given, whose sides $AB = CD$. It's given that $BC = x$ and $CD = 2x + 5$. If the area of the rectangle is 168 cm^2 , then find the length of AB?

- a) 21 cm
- b) 18 cm
- c) 12 cm
- d) 8 cm
- e) 16 cm

22) A person covers a 100 km journey into two parts, first part he travelled in AC car and the remaining journey he covered in non AC car. If the rent of AC car is Rs.7 per km and for non AC

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car is Rs.3 per km. If he paid total rent of Rs.340. Then find the distance travelled by non AC car.

- a) 8 km
- b) 10 km
- c) 12 km
- d) 16 km
- e) 18 km

23) The area of four walls of a room is 128 cm^2 . If the length and breadth of the room were equal and the height of the room is 4 cm, then what is the area of the room?

- a) 100 cm^2
- b) 36 cm^2
- c) 49 cm^2
- d) 81 cm^2
- e) 64 cm^2

24) A person spent money on 16% on books. Of the remaining, he spent on travel and tuition in the ratio of 4:3. If the difference of money spent on travel and tuition is Rs.612, then find his income.

- a) Rs.5100
- b) Rs.5006
- c) Rs.5020
- d) Rs.5050
- e) Rs.5012

25) The speed of Train A and Train B is in the ratio of 3:4 and covered the same distance. Difference between their time taken to travel the

same distance is 21 minutes. What is the time taken by train A?

- a) 84 minutes
- b) 92 minutes
- c) 96 minutes
- d) 81 minutes
- e) 63 minutes

26) x men can complete the piece of work in 41 days and $(x + 40)$ men can complete the same work in 20 days less than that of days taken by x men. Find the value of x.

- a) 40
- b) 42
- c) 44
- d) 46
- e) None of these

27) A's age 8 years hence will be twice of B's present age. C's age 6 years ago is equal to the present age of B. Ratio of A's age 4 years hence and C's age 6 years hence is 9:8. Find B's age 8 years ago.

- a) 10 years
- b) 15 years
- c) 18 years
- d) 12 years
- e) 14 years

Directions (28-31): Following questions have two quantities as Quantity I and Quantity II. You have to determine the relationship between them and give an answer as,

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28) Train A of length 100 m traveling at 50 kmph is running in the same direction overtakes train B of length 120 m in 60 seconds.

Quantity I: The speed of train B in kmph, if the speed of train A is faster than train B.

Quantity II: 40 kmph

- a) Quantity I > Quantity II
- b) Quantity I \geq Quantity II
- c) Quantity II > Quantity I
- d) Quantity II \geq Quantity I
- e) Quantity I = Quantity II (or) Relationship cannot be established

29) Three vessels A, B and C have a mixture of milk and water, equal quantity in the ratio of 2:3, 3:5 and 4:5 respectively mixed in vessel Y.

Quantity I: % of water in Y

Quantity II: % of water in vessel x, which has 75% milk

- a) Quantity I > Quantity II
- b) Quantity I \geq Quantity II
- c) Quantity II > Quantity I
- d) Quantity II \geq Quantity I
- e) Quantity I = Quantity II (or) Relationship cannot be established

30) $((x^2 - b^2)/2) + ab = ax$. x, a, b are positive integers

Quantity I: value of a

Quantity II: value of b

- a) Quantity I > Quantity II
- b) Quantity I \geq Quantity II
- c) Quantity II > Quantity I

d) Quantity II \geq Quantity I

e) Quantity I = Quantity II (or) Relationship cannot be established

31)

Quantity I: $x^3 - 2x^2 - x + 2 = 0$

Quantity II: $y + 3 = 0$, find the value of y

- a) Quantity I > Quantity II
- b) Quantity I \geq Quantity II
- c) Quantity II > Quantity I
- d) Quantity II \geq Quantity I
- e) Quantity I = Quantity II (or) Relationship cannot be established

32) Vessel A contains the mixture of orange and apple juice in the ratio of 4:3 and the vessel B contains the mixture of orange and apple juice in the ratio of 3:2. If 28 liters of mixture is taken out from vessel A and poured into vessel B, then the ratio of the milk and water becomes 13:9. If the new quantity of mixture in vessel B is 18 liters more than the initial quantity of vessel A, find the initial quantity of orange juice in vessel A?

- a) 28 liters
- b) 40 liters
- c) 36 liters
- d) 60 liters
- e) None of these

33) A and B started the business with the investment of Rs.4800 and Rs.6400 respectively. After 6 months, B withdrew Rs.1200 from its initial investment and after 2 more months, A added Rs.800 to its initial investment and C Joins the business with the investment of Rs.10000. At the end of one year

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and 2 months, the total profit of the business is Rs.53000, then what is the difference between the profit share of A and C?

- a) Rs.2000
- b) Rs.2800
- c) Rs.3000
- d) Rs.3600
- e) Rs.2700

34) Ratio of the cost price of the Battery to Charger is 2:1 and the cost price of the Battery to Pendrive is 3:1. If the selling price of Battery, Pendrive and Charger are equal and the profit percentage of selling of a battery, a charger and a Pendrive is 25%, then the cost price of the battery is approximately what percent of the selling price of the battery?

- a) 65%
- b) 126%
- c) 131%
- d) 98%
- e) 78%

35) Rahul has Rs.x. He invested 40% of his sum in SBI bank at 15% simple interest and 20% of the remaining amount he spent on shopping. After 2 years, he added 60% of the remaining amount in the same bank in the same simple interest scheme and the remaining amount spent on Food. If the difference between the total interest received by Rahul after 4 years and the amount spend on Shopping and Food together is Rs.115.2, then find the value of x.

- a) Rs.7000
- b) Rs.9000
- c) Rs.6000
- d) Rs.5000
- e) Rs.8000

36) If the ratio of the number of boys to girls in the college is 5:4 and the number of girls who like Cricket is 720 which is 45% of the total number of girls in the college. If the percentage of students in the college who like cricket is 44%, then what percent of boys who like cricket?

- a) 38.7%
- b) 41.9%
- c) 43.2%
- d) 45.6%
- e) 48.7%

37) Usha and Nandhini started a work and worked on alternate days. If Nandhini starts the work first, the whole work is completed in $67\frac{1}{3}$ days, while if Usha started the work first, the whole work is now completed in 67 days. Find the ratio of the efficiency of Usha to Nandhini.

- a) 3:2
- b) 2:3
- c) 2:1
- d) 1:2
- e) 4:3

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38) A bag contains 54 shirts of three different colors Red, Blue and Black. The probability of drawing a Red shirt is $\frac{1}{3}$ and the number of Black shirts is twice the number of blue shirts in the bag. Find the probability of drawing a blue shirt from the bag.

- a) $\frac{3}{7}$
- b) $\frac{1}{6}$
- c) $\frac{13}{27}$
- d) $\frac{2}{9}$
- e) $\frac{4}{27}$

39) A boat covers 122.5 km distance downstream with 30 kmph and 240 km upstream with 6 kmph. If the speed of the boat and speed of the stream is increased by $11\frac{1}{9}\%$ and 25% respectively, then now what is the total time taken by the boat to cover the same distance upstream and downstream?

- a) 51.5 hours
- b) 52.5 hours
- c) 55.5 hours
- d) 53.5 hours
- e) 56.5 hours

40) Pipe A alone fill the tank in x hours and Pipe B alone fill the tank in $(x - 8)$ hours. If the efficiency of pipe B is double of pipe A and pipe A fill the tank is 50 liters per hour, then what is the capacity of the tank?

- a) 400 liters
- b) 600 liters
- c) 780 liters

- d) 640 liters
- e) 800 liters

Reasoning Ability

Directions (41-45): Study the following information carefully and answer the below questions.

A certain number of persons are sitting in the linear row facing the north direction. Only four persons sit between F and the one who likes yellow. The one who likes Pink sits second to the right of F. Three persons sit between the one who likes Pink and K. The one who likes pink sits third from one of the ends. M sits fifth to the left of K. The number of persons sit between M and the one who likes Yellow is the same as the number of persons sit between the one who likes yellow and T. T sits second to the left of the one who likes Red. Only three persons sit between E and J. Only four persons sit between the one who likes Red and J. E sits second from the right end. Only two persons sit between E and the one who likes Gray.

41) How many persons sit in the linear row?

- a) 20
- b) 21
- c) 22
- d) 23
- e) 24

42) Which of the following statement is true?

- a) None of the statements is true
- b) More than four persons sit to the right of the one who likes gray

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- c) The one who likes Pink and M are not immediate neighbors
- d) Only three persons sit between K and T
- e) The one who like gray sits immediate right of J

43) Who among the following person sits at the extreme left end?

- a) J
- b) K
- c) The one who sits third to the left of T
- d) The one who sits immediate left of F
- e) F

44) If F is related to Pink and T is related to Red in a certain way. Then who among the following is related to E?

- a) Unknown person
- b) The one who likes gray
- c) T
- d) The one who sits immediate left of K
- e) M

45) How many persons sit to the right of the one who likes red?

- a) 11
- b) 10
- c) 12
- d) 13
- e) 09

Directions (46-48) Study the following information carefully and answer the below questions

A family consists of eight members and three married couples. No single parent has a child. P is the father of S. N is the only son of M. P is the brother-in-law of N. P does not have any siblings. N is the uncle of K. J is the mother of the S's uncle. M is the maternal grandfather of X's son. T is the sister-in-law of X and daughter-in-law of J. K and T are of the same gender. N's sister has only one son.

46) Who among the following person is the sister of S?

- a) P
- b) N
- c) T
- d) K
- e) No one

47) How is M related to J?

- a) Nephew
- b) Son
- c) Husband
- d) Brother
- e) Brother-in-law

48) Which of the following statement is true?

- a) S and N are of the same gender
- b) K is not a child of T
- c) J is the mother of X
- d) N and T are married couples
- e) All are true

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Directions (49-53): Study the following information carefully and answer the below questions.

Eight Events- A, B, C, D, E, F, G, and H are held in different cities- Gwalior, Jaipur, Lucknow, Kolkata, Nagpur, Chennai, Dispur, and Mumbai on different months- January, February, March, April, May, July, August, and November of the same year. All the information is not necessarily in the same order.

Event A was held in the month which has 30 days. Only two events are held between A and the event held in Kolkata. Event H is held immediately before the event held in Kolkata. As many Events held before A as after the event held in Chennai. Event of C was held in the month which has an even number of days. Event C was held two events after the event held in Mumbai. The number of events held between C and the event held in Chennai is the same as the number of events held between A and the even held in Dispur. Event F was held immediately before G, neither of the events was held in Dispur. Event B was held immediately before the event held in Gwalior. At least one event is held after the event which held in Gwalior. Event E was held before the event held in Nagpur. No event was held between D and the event held in Lucknow.

49) Four of the five among the following are similar in such a way to form a group, which one of the following doesn't belong to the group?

- a) B-Jaipur
- b) F-Lucknow
- c) A-Mumbai
- d) Kolkata-April
- e) Mumbai-Nagpur

50) If B is related to Gwalior and E is related to Nagpur in a certain way. Then who among the following is related to Mumbai?

- a) The event which held on May
- b) The event which held immediately before F
- c) The event which held immediately after E
- d) G
- e) E

51) Which of the following statement is true?

- a) No event is held after H
- b) Event E was held in Kolkata
- c) Only four events are held between A and C
- d) Event G was held on April
- e) All are true

52) Which of the following event was held immediately after the event held in Jaipur?

- a) F
- b) D
- c) E
- d) The event which held two events before C
- e) The event which held immediately after G

53) How many events are held between F and the event held in Mumbai?

- a) One
- b) Five

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- c) Four
- d) Three
- e) Two

Directions (54-56): Study the following information carefully and answer the below questions

Jim and Joy are standing in point A. Jim started walking from Point A for 9m towards the west direction to reach point G then he takes right turn and walks for 11m to reach point H where he turns to the left and walks for 5m to reach point B then he turns to the right and walks for 6m to reach point C where he again turns to the right and walks for 12m to reach point K.

Joy walks from Point A for 7m towards the south direction to reach point Y then she takes a left turn and walks for 6m to reach point M where she turns to the right and walks for 9m to reach point J then she turns to the right and walks for 8m to reach point D where she again turns to the right and walks for 3m to reach point F.

54) How far and what is the direction of F with respect to K?

- a) 31m towards south
- b) 32m towards north
- c) 30m towards south
- d) 33m towards south
- e) 30m towards north

55) What is the direction of A with respect to D?

- a) South-east
- b) North-West

- c) North-East
- d) South
- e) South-west

56) Four of the following are alike in a certain way. Which of the following ones does not belong to the group?

- a) CG
- b) KA
- c) FJ
- d) GY
- e) DM

Directions (57-61): Study the following information carefully and answer the below questions.

Eight persons-A, B, C, D, E, S, T, and V are working in a company with different grade positions such as Chief Financial officer(CFO), Executive Director(ED), General Manager(GM), Deputy General Manager(DGM), Manager, Assistant Manager(AM), PO and Clerk. They like different animals- Kangaroo, Iguana, Hyena, Puma, Giraffe, Fox, Lion, and Jaguar. All the information is not necessarily in the same order.

Note: The Chief financial officer (CFO) is the highest designated post whereas Clerk is the lowest designated post.

A is junior to the one who is Assistant Manager. Only one person holds a position between A and the one who likes Puma. As many persons junior to A as senior to S. Only one person holds a position between S and the

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one who likes Lion. C is immediately junior to the one who likes Fox. Only three persons hold the positions between A and the one who likes Fox. The number of persons holds the positions between S and the one who likes Fox is the same as the number of persons holds the positions between C and B. No one holds the position between B and D. E is immediately junior to the one who likes the Giraffe. V is junior to E but senior to the one who likes Iguana. Less the two persons hold the position between T and the one who likes Jaguar. V does not like Kangaroo.

57) How many persons hold the positions between B and the one who likes Giraffe?

- a) Three
- b) Two
- c) Four
- d) Five
- e) None

58) Who among the following person work as the PO?

- a) The one who likes Hyena
- b) The one who likes Puma
- c) T
- d) D
- e) B

59) As many persons junior to B as senior to _____?

- a) D
- b) S

- c) The one who likes Fox
- d) The one who works immediately senior to A
- e) The one who likes Puma

60) Four of the five among the following are similar in such a way to form a group, which one of the following doesn't belong to the group?

- a) S-Jaguar
- b) C-Iguana
- c) E-Hyena
- d) B-Lion
- e) T-Giraffe

61) Which of the following statement is true?

- a) More than two persons are senior to D
- b) A likes Puma
- c) No one holds the position between S and D
- d) C is the Manager
- e) All the statements are true

Directions (62-64): Study the following statements and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

62) Statement

Only a few Colors are Paint
All Paints are Art
Some Art is Picture

Conclusion

- I. All Colors being paint is a possibility
 - II. No Picture is Paint
- a) Only I follow
 - b) Either I or II follow

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- c) Only II follows
- d) Both I and II follow
- e) Neither I nor II follow

63) Statement

Only a few Portrait are sketch

All Sketchs are Picture

No Picture is Canvas

Conclusion

I. Some Portrait being Picture is a possibility

II. No Sketch is Canvas

- a) Only I follow
- b) Either I or II follow
- c) Only II follows
- d) Both I and II follow
- e) Neither I nor II follow

64) Statement

Only a few Drinks are Cool

All Cool are Hot

All Drinks are Flavour

Conclusion

I. Some Drink is not Hot

II. All Flavour can never be Cool

- a) Only I follow
- b) Either I or II follow
- c) Only II follows
- d) Both I and II follow
- e) Neither I nor II follow

Directions (65-69): Study the following information carefully and answer the below questions.

Eight persons- J, K, L, M, N, O, P, and Q are living in the four-storey building. They like different flowers- Sunflower, Lilly, Orchid, Tulip, Marigold, Daffodil, Crossandra, and Rose but not necessarily in the same order.

Note:

- i. Each floor has two flats viz., flat X and flat Y. No two people live in the same flat. Flat X is exactly to the west of Flat Y.
 - ii. Flat X of floor 2 is immediately above flat X of Floor 1 whereas flat Y of floor 2 is immediately above flat Y of floor 1 and so on.
 - iii. The floors are numbered 1 to 4 from the bottom to top.
- P lives on an even number floor. P lives immediately below the flat of the one who likes Lily. N lives west of the one who likes Rose. P does not like Rose. The one who likes Rose lives immediately above the flat of the one who likes Daffodil. Only one floor is between N and the one who likes Crossandra. The one who likes Crossandra lives immediately below J in different flats. The one who likes Crossandra lives three floors below the flat of K. K lives west of the one who likes Tulip. Q lives adjacent floor of the one who likes Orchid. At least one floor is there above the floor of the one who likes Orchid. Q and K do not live in the same type of flat. Neither Q nor L likes Rose. L lives below the one who likes Sunflower. Only one floor is between the one who likes Marigold and M.

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65) Who among the following person is living on floor 3 of Flat Y?

- a) The one who likes Tulip
- b) K
- c) The one who lives on the same floor of L
- d) The one who likes Rose
- e) P

66) Which of the following statement is true?

- a) N and M lives on a different floor
- b) Q likes Tulip
- c) K and N lives on different type of flats
- d) No one lives below J
- e) L likes Crossandra

67) On which of the following floor and flat does M live?

- a) Floor 2 Flat Y
- b) Floor 3 Flat X
- c) Floor 3 Flat Y
- d) Floor 2 Flat X
- e) Floor 1 Flat Y

68) Four of the five among the following are similar in such a way to form a group, which one of the following doesn't belong to the group?

- a) K-Tulip
- b) N-Rose
- c) Lily- J
- d) L-Marigold
- e) P-Daffodil

69) Which of the following flower is liked by P?

- a) Tulip

- b) Orchid
- c) Sunflower
- d) Marigold
- e) Crossandra

Directions (70-72): Each of the questions 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 are sufficient to answer the question:

70) Six persons- A, B, C, D, E, and F are sitting on the circular table faces the center but not necessarily in the same order. Who sits third to the right of F?

Statement I: A sits immediate left of F. Only one person sits between F and E. D sits immediate right of B.

Statement II: D sits second to the left of F. Only one person sits between F and E. B sits second to the right of C. A sits exactly between D and F.

- a) Only Statement I alone is sufficient
- b) Only Statement II alone is sufficient
- c) Either statement I or statement II is sufficient
- d) Neither statement I nor statement II is sufficient
- e) Both statement I and statement II together are sufficient

71) Six persons- L, M, N, O, P, and Q are sitting in the linear row facing the north direction but not necessarily in the same order. Who among the following person sits second from the left end?

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Statement I: P sits second to the left of the one who sits third to the right of M. Only two persons sit between P and Q. Q does not sit at the end of the row.

Statement II: P sits third to the right of Q. Only three persons sit between Q and M. M does not sit second from the right end.

- a) Only Statement I alone is sufficient
- b) Only Statement II alone is sufficient
- c) Either statement I or statement II is sufficient
- d) Neither statement I nor statement II is sufficient
- e) both statement I and statement II together are sufficient

72) What is the code for "Piece tone hymn" in the given language?

Statement I: In a code language, "Piece rap tone folk" is coded as "ad vn mt lq", "Rock rap folk music" is coded as "ct mt lq sm", "Piece tone jazz sing" is coded as "ad vn jt ni".

Statement II: In a code language, "Rock melody music sing" is coded as "ct it sm ni", "Piece sing soul hymn" is coded as "ad ni uv qj", "Rock tone tune hymn" is coded as "ct vn zm qj"

- a) Only Statement I alone is sufficient
- b) Only Statement II alone is sufficient
- c) Either statement I or statement II is sufficient
- d) Neither statement I nor statement II is sufficient
- e) Both statement I and statement II together are sufficient

73) If "1" is added to the odd digits and "2" is subtracted from the even digits of the given numbers then add all the digits within the number thus formed, then which of the following number yields resultant as the second-highest?

- a) 25863745
- b) 53864812
- c) 68453617
- d) 18367824
- e) 57836182

74) If the vowels of the following words are arranged first followed by the consonants as per the alphabetical order and the vowels are changed to the next letter and the consonants are changed to the previous letter in the alphabetical series, then which will be the fourth letter from the right end of each newly formed word in the same order?

- I. FAMOUS
- II. ULTIMATE
- III. UNIFORM

- a) NKL
- b) PVE
- c) EKL
- d) VKE
- e) ELE

75) If the fourth letter from the right end of each word is taken to form a meaningful word, then which of the following can't form a meaningful word?

- a) Agenda, Beauty, Budget, Eighth

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- b) Handed, Branch, Debate, Taking
- c) Either, Dealer, Closed, Tagging
- d) Corner, Create, Lawyer, Riding
- e) Silver, Submit, Vision, Winter

76) Statement: At an enormous research cost, a leading chemical company has developed a manufacturing process for converting wood fibers into a plastic. According to the company, this new plastic can be used for, among other things, the hulls of small sailboats. But what does the company think sailboat hulls used to be made of? Surely the mania for high technology can scarcely go further than this.

The author's conclusion of the manufacturing process described in the statement is based primarily on the fact that?

- a) plastic is unlikely to be durable enough for high-quality sailboat hulls
- b) The research costs of developing the process outweigh any savings possible from the use of the plastic
- c) A small sailboat is not normally regarded as a high-tech product
- d) Hulls for small sailboats can be made from wood without converting it into plastic
- e) None of the above

Directions (77-79): Study the following information carefully and answer the question given below:

In one experiment in a study, 169 college students (65 per cent female, 88 per cent white)

read a mock newspaper article describing a fictional mass shooting by an 18-year-old male youth who was described as an avid fan of violent video games. Half of the participants read an article featuring a small mugshot of a white shooter while the other half saw a mugshot of an African-American shooter. In their responses to a questionnaire, participants who read the article with the photo of a white shooter were significantly more likely to blame video games as a factor in causing the teen to commit the school shooting than participants who saw an African-American shooter.

According to the study, participants who did not play video games also were more likely to blame violent video games for school shootings

77) Which of the following can be *inferred* from the facts given in the paragraph above?

- a) The people who don't play video games will always vote against the ones playing them
- b) The debate over video games promoting violence has yet another set of supporters this time
- c) Video games are essential for developing the intellect of an individual
- d) The participants of the survey were well acquainted with all types of video games
- e) The results of the experiment were biased against the non-players

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78) What can be a probable *Course Of Action* so that the people stop blaming just the white shooter in video games?

- a) Video games showcasing white shooters should be banned
- b) Video game makers should promote the African-American shooters to share the blame
- c) Parents should train their children in terms of being able to choose what is morally wrong as it is not just the games that are responsible
- d) Schools should rusticate the students bringing guns to the schools
- e) None of the above

79) Which of the following can be *assumed* about the behavior of the participants of the survey?

- a) The participants have personified the actual 18-year old shooter with the poster on their respective articles
- b) The participants who saw the mugshot of the African-American shooter were biased
- c) The participants who did not play games did not know much about it
- d) All the participants read the article with 100% attention
- e) Both (c) and (d)

80) Statement: Indian carriers have announced a fresh slew of discounted ticket fares to bolster demand in the lean travel season.

Assumptions:

- (i) Indians tend to book flights when they find good deals and huge discounts
 - (ii) Discounted tickets will urge the people to plan their travels
- a) None can be assumed
 - b) Only I can be assumed
 - c) Either I or II can be assumed
 - d) Both I and II can be assumed
 - e) Only II can be assumed

English Language

Directions (81-85): In the questions given below, parts of sentences have been divided and put in Columns I and II. You are required to match the parts given in Column I to that of those in Column II to make grammatically correct sentences and mark the option containing the best combinations as your answer

81)

Column I	Column II
A. Earlier the niche of foreigners, wellness tourism is gathering pace among Indians	D. allowed their family stakes to dip below 50 per cent, or at least 26 per cent.
B. The previous generation was different, in that they used debt to fund their expansion and	E. who are turning to Ayurveda, Yoga and Naturopathy for holistic health

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rarely	
C. It's about time that we collectively work towards making India a Green Hydrogen Hub, not just	F. storage, transportation, and application of hydrogen across India.

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

82)

Column I	Column II
A. Chandrajit Banerjee, Director General, Confederation of Indian Industry (CII), said that CII is	D. fully committed to the business engagement of India and Australia.
B. The power supply crunch in China is triggering blackouts for	E. met EC officials seeking the imposition of Section 144.
C. Earlier today, a	F. households and

BJP delegation from West Bengal	forcing factories to cut production.
---------------------------------	--------------------------------------

- (a) A-D
- (b) B-F
- (c) C-E
- (d) Only (b) and (c)
- (e) All (a), (b) and (c)

83)

Column I	Column II
A. India has criticised Pakistan for "fabricating allegations" regarding J&K and called	D. the party alleged leaders like Dilip Ghosh and others were assaulted
B. a radicalised and failed state with no regard for values and culture of democracy	E. to people in its territories and in Indian territories occupied by it.
C. usage of energy by factories and tighter emissions standards.	F. MI chase down the target of 136 in 19 overs. MI are now fifth on the points table

- (a) None matches
- (b) A-D

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- (c) A-F, B-E
- (d) C-D, A-E
- (e) B-D

84)

Column I	Column II
A. US' California that burnt around 9,000 acres, has said that she had tried to boil water that had	D. Billionaire Elon Musk on Tuesday flagged China's ongoing power supply crunch as a "serious concern
B. Retailers may try to pass the increase in cost of	E. to monitor Britney's phone and bug her house without her knowledge.
C. The New York Times reported on Friday that Jamie hired a security firm	F. making clothes to customers by increasing the prices, it added.

- (a) A-D, C-F
- (b) Only A-E
- (c) C-E, B-F
- (d) Only B-D
- (e) None matches

85)

Column I	Column II
A. Ex-Pakistan captain Inzamam-ul-Haq, who underwent successful angioplasty on Monday, has	D. been discharged from hospital, Pakistan Cricket Board (PCB) chairman Ramiz Raja confirmed on Tuesday
B. Tesla is being sued by five Texas police officers after a Model X that was allegedly on	E. claims that the crash was caused due to "design and manufacturing defects known to Tesla
C. Four men were arrested on Tuesday for allegedly stealing 167 mobile phones	F. of the accused was trying to flee to Rajasthan but was held from Pune

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

Directions (86-88): In each question below, two sentences have been given. Three starters have been given below the sentences. You are required to select the appropriate starter that would combine the two sentences by being placed in the beginning of either of the

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sentences without changing the meaning of the sentences

86) That will benefit from Trump's successes and others that will see gains if he fails

Diversify your investments and consider mitigating your risks by taking some positions

- (i) Assuming...
- (ii) Make sure to...
- (iii) There is a need to...
- (a) Only (i)
- (b) Both (ii) and (iii)
- (c) Only (iii)
- (d) None matches
- (e) All (i), (ii) and (iii)

87) The change in living quarters, it is important to acknowledge boundaries in the work environment.

For example, in the workplace, I need to respect my father as my boss, but he also needs to respect my professional opinion even if it differs from his.

- (i) But despite...
- (ii) Instead of...
- (iii) Understanding the...
- (a) Only (i)
- (b) Only (iii)
- (c) Only (ii)
- (d) Both (i) and (iii)
- (e) All (i), (ii) and (iii)

88) This kind of success takes effort, investment, and commitment.

Which is why, when a multinational giant comes knocking at the door with an impressive offer, it's not easy—or always right—to walk away

- (i) Whatsoever...
- (ii) The reality...
- (iii) Sustaining...
- (a) Only (ii)
- (b) Both (ii) and (i)
- (c) Only (iii)
- (d) All (i), (ii) and (iii)
- (e) None of the above

Directions (89-93): Four words have been highlighted in each sentence given below. These words may or may not be in their correct positions. You are required to read the same carefully and mark an option that provides the correct combination of the words to be swapped

89) Whether it was (A) negotiating with the original car (B) owner, the mechanic, or the buyer, I (C) seemed to have recognized the (D) principle of win-win situations.

- (a) A-C
- (b) No interchange needed
- (c) B-D
- (d) A-B
- (e) C-D

90) At its heart, a (A) implemented insurance company (B) formalizes self-insurance for your business. But, it also (C) brings a lot of benefits beyond insurance if properly (D) captive.

- (a) B-C

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- (b) A-B
- (c) A-D
- (d) C-D
- (e) No interchange needed

91) Corporations (A) **ability** small businesses (B) **investing** be wise to start (C) **would** in ways to increase their employees' (D) **and** to listen better.

- (a) B-C
- (b) A-D
- (c) Both (a) and (b)
- (d) A-C
- (e) No interchange needed

92) This isn't to say that multinationals (A) **don't** try to tailor their (B) **offerings** and messages to each region they (C) **nature**, but it is more difficult due to the (D) **serve** of what they represent as a global company.

- (a) C-D
- (b) A-C
- (c) B-C
- (d) A-B
- (e) No interchange needed

93) (A) **Multinationals**, when providing products that are (B) **authentic** and tailored to locals, few (C) **However** can compete with the (D) **power** of a local company.

- (a) No interchange needed
- (b) A-C
- (c) B-D

- (d) A-B
- (e) B-C, A-D

Directions (94-100): A passage has been given below. Few words and phrases have been highlighted. You have to read the same carefully and answer the questions that follow

India's power consumption grew 18.6% in August to 129.51 billion units (BU) and remained higher than the pre-COVID level due to improved economic activities amid easing of lockdown **curbs** by States, according to Power Ministry data.

The country's power consumption in August last year stood at 109.21 BU, lower than 111.52 BU in the same month in 2019, as per the data. Experts say the recovery in power demand and consumption in August 2021 is consistent and **robust**. They are of the view that the recovery would further improve as many States have eased lockdown restrictions to boost economic activities after the number of new cases declined.

The only fear is that another wave of the pandemic can dampen this recovery in power consumption and demand, they said. The commercial and industrial power demand and consumption got affected from April onwards this year due to lockdown restrictions imposed by States to contain the deadly second wave of COVID-19. There are fears of another wave of the pandemic which may result in lockdown restrictions and will impact commercial and

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industrial demand for power in the country, according to experts. (I) *Peak power demand met or the highest supply in a day stands at 196.24 GW in August, which is 17.1% higher compared to a year ago.* The peak power demand in August 2020 stood at 167.52 GW, lower than 177.52 GW in the same month in 2019, showing the adverse impact of the pandemic on power demand.

The government had imposed a nationwide lockdown on March 25, 2020 to contain the spread of coronavirus. The lockdown was eased in a phased manner, but it hit the economic and commercial activities and resulted in lower commercial and industrial demand for electricity in the country. April 2021 saw year-on-year growth of nearly 38.5% in power consumption. The second wave of COVID-19 started in the middle of April this year and affected the recovery in commercial and industrial power demand as States started imposing restrictions in the latter part of the month. Power consumption in the country witnessed 6.6% year-on-year growth in May this year at 108.80 BU despite a low base of 102.08 BU in the same month of 2020.

As per the latest data, power consumption in June grew nearly 9% to 114.48 BU, compared to 105.08 BU in the same month last year. Power consumption in July this year grew nearly 9.4% to 123.72 BU compared to 112.14 BU in the same month a year ago. Power consumption in February this year was recorded at 103.25 BU,

compared to 103.81 BU a year ago. In March this year, power consumption grew nearly 22% to 120.63 BU, compared to 98.95 BU in the same month of 2020. After a gap of six months, power consumption had recorded 4.6% year-on-year growth in September 2020, and 11.6% in October 2020. In November, power consumption growth slowed to 3.12%, mainly due to early onset of winters. In December, it grew 4.5%, while this was 4.4% higher in January 2021.

94) Which of the following is not true as per the given passage?

- (i) Power consumption in June grew nearly 9% to 114.48 BU
 - (ii) The recovery in power demand and consumption in August 2021 has been inconsistent
- (a) Only (ii) is correct
 - (b) Only (i)
 - (c) Only (ii)
 - (d) Both are incorrect
 - (e) Both are correct

95) Which of the following is a perfect synonym to the word 'curb' as used in the passage?

- (a) Retard
- (b) Restrictions
- (c) Lenient
- (d) Held up
- (e) None of the above

96) What is a potential harm that may affect the present ongoing recovery in the power sector?

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- (a) The easing of lockdown restrictions and the increasing number of infections
- (b) The inability to meet out the growing power demand in the country during the lockdown
- (c) Further recovery is expected at a slower rate than needed
- (d) Another wave of the pandemic may hamper the ongoing rate of recovery
- (e) Not given clearly in the passage

97) Choose the best antonym to the word '*robust*' as used in the passage above

- (a) Powerful
- (b) Strong
- (c) Frail
- (d) Humongous
- (e) Both (a) and (b)

98) The second wave of COVID 19 had which of the following consequences?

- (i) Affected the recovery in commercial and industrial power demand
 - (ii) Created a lot of inconvenience for the public
 - (iii) The power generation targets touched their half potential during April 2019
- (a) Only (iii)
 - (b) All (i), (ii) and (iii)
 - (c) Not given in the passage
 - (d) Only (ii)
 - (e) Only (i)

99) Which of the following phrases would best replace the phrase highlighted in the sentence marked (I) in the passage?

- (a) in a day stands at 196.24 GW over August
- (b) on a day stands at 196.24 GW over August
- (c) in a day stood at 196.24 GW in August
- (d) in a day stood at 196.24 GW around August
- (e) from a day stood at 196.24 GW in August

100) What can be the best title to the given passage?

- (a) India's power consumption and COVID
- (b) The increasing rate of power consumption in India
- (c) Power shortage: the alarming situation in India
- (d) The decreasing dependance on power in India
- (e) None of the above

Directions (101-104): In the questions below, a word has been highlighted above and used in the sentences below the same. You have to identify the sentence in which the given word has not properly been used

101) HATCH

- (a) Martin immediately proposed rushing the hatch as soon as it was opened
- (b) As waiters brought trays of meat, the guests reached over and harvested the pink

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slices with their bare hands, popping them down the hatch.

(c) We have to batten down the hatches and prepare for the worst

(d) If you run after two hares, you will hatch neither.

(e) All are correct

102) GILT

(a) The ceiling was richly gilt and picked out in violet.

(b) An undated price list refers to handles, escutcheons, plates, and hinges available in nickel-plate or gilt finishes.

(c) It has cabriole legs headed with a gilt brass-winged lion mask and paw sabots.

(d) Gilt-edged securities are the most sought after investments.

(e) All are correct

103) BEAR

(a) The schools will heavily bear the consequences of tax cuts.

(b) Many people pushed their way toward the bear exit.

(c) She bears a striking likeness to her mother.

(d) I'll have to bear the responsibility for this mess.

(e) All are correct

104) RUN

(a) We thought it was far south over the woods--we who had run to fires before - barn, shop, or dwelling-house, or all together.

(b) We were set to run renewed sessions on Saturday but on Thursday Martha telephoned in tears.

(c) She suffered a horrific run from the fire.

(d) The office is independently run by two brothers.

(e) All are correct

Directions (105-110): Six sentences have been given below but they are not in their proper order. You must read the given sentences carefully and arrange the same in a coherent order before answering the questions given below the same

A. If you're an entrepreneur who's been poised to launch a small business for quite some time now, this is one of the best business articles to help you make the plunge.

B. In Oscar Raymundo's Inc. article, famous entrepreneur Richard Branson explains why young wannabe entrepreneurs need to get over the inherent risk factor of starting a business.

C. "Over the course of the years, I have realized that this advice helped me stop overthinking and pushed me to start working. Now that I reflect on my experience, I realize how such simple advice is incredibly important for young entrepreneurs."

D. You can sit on a great business idea for years, weighing the pros and cons of starting it.

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But according to Branson, a point in time comes when you have to just do it.

E. "His message was very clear: It takes guts but you have to just do it. Feel the fear, but do it anyway," says Darko Jacimovic, who says Branson's article gave him the confidence to start his business—WhatToBecome.com.

F. If you fail, you fail—and hopefully, you learned something valuable for your next business venture along the way.

105) Which of the following provides the correct sequence of the sentences given above?

- (a) BFECDA
- (b) ABCFDE
- (c) ECBADF
- (d) CBADEF
- (e) Other than the given options

106) Which of the following come together in the sequence after arrangement?

- (a) CA
- (b) EB
- (c) FC
- (d) AB
- (e) DE

107) Which sentence would be third in the sequence after rearrangement?

- (a) E
- (b) B
- (c) F
- (d) C
- (e) A

108) Which of the following will be the sentence that provides an introduction to the paragraph?

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

109) The sentence that provides the best conclusion to the paragraph would be?

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

110) The second sentence in the sequence will be?

- (a) B
- (b) F
- (c) A
- (d) D
- (e) A

Directions (111-115): In each question below, sentences with two blanks each have been given. Choose the option that contains the correct pair of words to make the sentences meaningful

111) There is a _____ of features including a GPS tracker, a _____ window canopy, an online entertainment system and much more.

- (a) Slew, panoramic

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- (b) Variety, systematic
- (c) Hoax, separate
- (d) Series, broad
- (e) None of the above

112) Pakistan is also _____ to acquire armed drones for Turkey, which now is a self-appointed leader of Sunni world and wants to bring back orthodox legacy of the _____ Ottoman Empire.

- (a) Suspecting, antiquated
- (b) Inspecting, hallowed
- (c) Eyeing, bygone
- (d) Giving a glad eye, extant
- (e) Ignoring, thriving

113) It is _____ for India to acquire armed drones as its own _____ capability is limited with both Beijing and Islamabad operating Chinese made armed drones.

- (a) Paramount, primordial
- (b) Subsided, desired
- (c) Imperative, nuclear
- (d) Important, indigenous
- (e) None of the above

114) The C5 is priced quite _____ due to various reasons but, as _____ Citroen has already started working on their new products and the next SUV to hit Indian market is a C3 compact SUV.

- (a) Dearly, promising
- (b) Cheaply, promise
- (c) Expensively, promised

- (d) Highly, promissory
- (e) None of these

115) You might find that, without knowing it, you _____ so much time and energy on thoughts and actions that will hold you back in the long run—like wasting time trying to prevent change or worrying about _____ others.

- (a) Ruminant, convincing
- (b) Recall, cajoling
- (c) Expense, specifying
- (d) Might, remembering
- (e) Spend, pleasing

Directions (116-120): The sentences given below have been divided into five parts. Out of the five parts, one part has an error in it. Identify the erroneous part and mark that option as your answer

116) In the backdrop of India acquiring 30 Predator drones from (A)/the US for muscling over the horizon military capability, (B)/Prime Minister Narendra Modi is meeting the head (C)/of armed drone manufacturer General Atomics along with (D)/ four other top US company CEOs in Washington on September 23. (E).

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

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117) It is quite evident from the line-up that PM Modi's meetings with the (A)/ CEOs are with the specific intention of India be a key part of global (B)/resilient chain, a military power which matches over the (C)/ capabilities in the Indo-Pacific and speed up non-conventional energy (D)/needs to go beyond the climate change commitments for climate justice (E).

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

118) While all the companies are global leaders in their (A)/ own right, the meeting with General Atomics head (B)/acquire significance as the Indian Navy is already operating two (C)/ Predator MQ-9 unmanned aerial vehicles for building maritime (D)/ domain awareness from Gulf of Aden to Lombok Straits in Indonesia (E).

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

119) With Biden administration giving a green (A)/signal for India to acquire Predator drone, it (B)/ is only a matter of time when the Indian (C)/Navy brings up the proposal before (D)/the Defence Acquisition Committee (DAC) for the process to take off. (E)

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

120) The U.K. approach contrasts with the U.S., which (A)/said that fully vaccinated foreigners would (B)/ be welcome from early November, as long as (C)/ they have had a full course of one of the medication (D)/ listed for emergency use by the World Health Organization (E)

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

Computer Awareness

121. A computer program that records every keystroke made by a computer user, especially to gain fraudulent access to passwords and other confidential information is called

ANS: Keylogger

122. Which of the following is not a programming language?

ANS: Solaris

123. The situation of having the identical piece of data stored in two different locations is known

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as _____ and is created by databases or other data storage technologies.

ANS: Data Redundancy

124. Which Script enabled the production of client-side dynamic web pages executed in the client's browser?

ANS: Java Script

125. Which of the following is an invalid Statement regarding the generation of computers?

Generation & Description

---> First Generation The period of first generation: 1940-1956. Vacuum tube based.

—> Second Generation The period of second generation: 1956-1963. Transistor-based.

—> Third Generation The period of third generation: 1964-1971. Integrated Circuit based.

—> Fourth Generation The period of fourth generation: 1971-present. VLSI microprocessor based.

—> Fifth Generation The period of the fifth generation: 1980-onwards. ULSI microprocessor based.

126. Which OSI layer specifies how two devices should compress, encrypt, and encode data so it may be successfully received on the other end?

ANS: Presentation Layer

127. Alt, Ctrl are _____ keys.

ANS: Modifier Keys

128. Which of the following forms of transmission occurs during walkie-talkie communication?

- a. Simplex
- b. Full —Duplex
- c. Half-Duplex
- d. Online
- e. None of these

ANS: c. Half-Duplex

129. In which type of disc the data can be written only once and cannot be erased?

ANS: CD-R/DVD-R

130. A firewall is software or firmware that prevents _____

ANS: unauthorized access to a network

131. The BIOS settings are stored in the _____ chip which is kept powered up via the battery on the motherboard

ANS: CMOS

132. Simple Mail Transfer Protocol (SMTP) Protocol is used for sending or receiving _____.

ANS: e-mail between e-mail clients and servers.

133. Which of the following converts high-level language to low-level language?

ANS: Compiler

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134. _____ refers to the gap between demographics and regions that have access to modern information and communications technology, and those that don't or have restricted access.

ANS: Digital Divide

135. Which shortcut key is used to start a presentation from the beginning?

ANS: F5

136. Which of the following malicious program do not replicate automatically?

ANS: Trojan horse Virus

137. USB and Various Ports are controlled by _____.

ANS: South Bridge of Motherboard

138. Which of the following statements is not true about cache memory?

1. Cache memory is a form of Read Only Memory (ROM)
2. It is directly associated with the microprocessor.
3. Cache memory can be accessed much faster by a microprocessor in comparison to RAM.
4. Cache memory is sometimes called CPU memory.
5. All of these

Answer: Cache Memory is a form of Read Only Memory (ROM) is not true about cache memory

139. Which tool do you choose in PowerPoint to apply a transition to the current slide?

Ans: Animation

140. A modem _____

1. Translates analog signals from a computer into digital signals that can travel along conventional telephone lines.
2. Translates digital signals from a computer into analog signals that can travel along conventional telephone lines.
3. Demodulates digital signals from a computer.
4. Modulates signals from an analog telephone life
5. None of These

Answer: A Modem translates digital signals from a computer into analog signals that can travel along conventional telephone lines

141. What are the steps involved in animating an element/text in a PowerPoint presentation?

ANS:

1. Select Text/Element
2. Go to Animation Tab
3. Select animation
4. Choose effect.

142. The combination of White Hat and Black Hat Hacker are _____.

ANS: Grey Hat Hacker

143. What is the term used for the time during which a job is processed by the system?

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Ans: Execution Time

144. Which of the following CD technologies is also WORM technology?

Ans: CD-R

145. A _____ is a CPU register in the computer processor which has the address of the next instruction to be executed from memory.

Ans: Program Counter (PC)

146. What does AB8 means in Excel?

ANS: Column AB and Row 8

147. What is the size of the IPv4?

- a. 38-bit
- b. 16-bit
- c. 32-bit
- d. 64-bit
- e. None of these

Answer: 32-bit

148. _____ is the supply of computer services like data storage, servers, and databases through the Internet.

ANS: Cloud computing is the supply of computer services like data storage, servers, and databases through the Internet.

149. What is another name for URL?

Ans: Web Address

150. Which of the following is a very high-speed semiconductor memory that can speed up the CPU?

ANS. Cache Memory

151. Which of the following is not a valid form of Memory?

- a. ROM
- b. FORM
- c. PROM
- d. EPROM

ANS: b. FORM

152. Which shortcut key is used to go to Home in MS Excel?

ANS: Alt+H

153. Ctrl + B Shortcut key is used to _____

ANS: Make Selection Bold

154. Convert $(10101110)_2$ into Hexa.

ANS: $(625)_{16}$

155. Convert $(010111010)_2$ into octal code

ANS: 272

156. When a user tries to access a resource on a web server (usually a web page) that doesn't exist, which type of Error exists that time?

Ans: HTTP Error 404

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157. Inkjet printers and laser printers are examples of ____ printers.

ANS: Non-Impact

158. Which of the following keyboard key is used in a Microsoft PowerPoint presentation to select one hyperlink after another during a slide presentation?

Ans: Tab

159. Flash memory is a non-volatile computer storage chip made up of _____.

Ans: EEPROM

160. In which network every host is connected to a central hub?

Ans: Star topology

Answer With Explanation

1. Answer: A

$$8 * 0.5 + 1 = 5$$

$$5 * 1 + 2 = 7$$

$$7 * 1.5 + 3 = 13.5$$

$$13.5 * 2 + 4 = 31$$

$$31 * 2.5 + 5 = 82.5$$

2. Answer: D

$$3 \quad 6 \quad 12 \quad 36 \quad 180 \quad 1332$$

$$3 \quad 6 \quad 24 \quad 144 \quad 1152$$

Difference of number

$$3 * 2, 6 * 4, 24 * 6, 144 * 8$$

3. Answer: A

$$9 \quad 28 \quad 55 \quad 66 \quad 101 \quad 104$$

$$19 \quad 27 \quad 11 \quad 35 \quad 3$$

$$19-11 = 8, 27-35 = 8, 11 - 3 = 8$$

4. Answer: D

$$209 - 11 = 198$$

$$198 + 22 = 220$$

$$220 - 33 = 187$$

$$187 + 44 = 231$$

$$231 - 55 = 176$$

5. Answer: B

$$60.75/1.5 = 40.5$$

$$40.5/1.5 = 27$$

$$27/1.5 = 18$$

$$18/1.5 = 12$$

$$12/1.5 = 8$$

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6. Answer: A

Number of students who are not qualified in

$$2016 = 450 - 150 = 300$$

$$20\% \text{ of students are re-apply} = 20/100 * 300 = 60$$

$$\text{Number of students passed at least one subject in 2017} = 2/3 * 75 = 50$$

$$\text{Number of new applicant in 2017} = 50 * 96/100 = 48$$

$$\text{Total} = 48 + 60 = 108$$

$$\text{Required answer} = 108 - 50 = 58$$

7. Answer: D

$$\text{Number of students passed only A} = 20/100 * 90 = 18$$

$$\text{Number of students passed only B} = 30/100 * 90 = 27$$

$$\text{Number of students passed only C} = 20/100 * 90 = 18$$

$$\text{Required answer} = 90 - 18 - 27 - 18 - 9 = 18$$

8. Answer: C

$$\text{Required ratio} = (200 - 90):110 = 1:1$$

9. Answer: B

$$\begin{aligned} \text{Required average} &= ((240 - 75) + (300 - 120) + (450 - 150))/3 \\ &= 215 \end{aligned}$$

10. Answer: C

$$\begin{aligned} \text{Required difference} &= 130/100 * (250 - 110) - (200 - 90) \\ &= (182 - 110) = 72 \end{aligned}$$

Directions (11-15):

$$\text{Unsold quantity of wheat in A} = 25/100 * (20/100 * 6000) = 300$$

$$\text{Unsold quantity of wheat in B} = (42 - 20)/100 * 6000 * 30/100 = 396$$

$$\text{Unsold quantity of wheat in C} = (57 - 42)/100 * 6000 * 30/100 = 270$$

$$\text{Unsold quantity of wheat in D} = (82 - 57)/100 * 6000 * 40/100 = 600$$

$$\text{Unsold quantity of wheat in E} = (100 - 82)/100 * 6000 * 50/100 = 540$$

11. Answer: A

$$\begin{aligned} \text{Required Average} &= (300 + 396 + 270 + 600 + 540)/5 \\ &= 421.2 \text{ kg} \end{aligned}$$

12. Answer: D

$$\text{Unsold quantity of wheat in E} = (100 - 82)/100 * 6000 * 50/100 = 540$$

13. Answer: E

$$\text{Unsold quantity of wheat in C} = (57 - 42)/100 * 6000 * 30/100 = 270$$

$$\begin{aligned} \text{Selling price of F} &= 10 * 1/3 * 270 + 10 * 120/100 * 2/3 * 270 \\ &= \text{Rs.}3060 \end{aligned}$$

14. Answer: A

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$$\text{Sold quantity of A} = 20/100 * 6000 * 75/100 = 900$$

$$\text{Total selling price} = 900 * 51 = \text{Rs.}45900$$

$$\text{Total cost price} = 100/106.25 * 45900 = 43200$$

$$\text{CP of per kg} = 43200/900 = \text{Rs.}48$$

15. Answer: B

$$\text{Sold quantity of wheat in C} = (57 - 42)/100 * 6000 * 70/100 = 630$$

$$6000 * 70/100 = 630$$

$$\text{Sold quantity of wheat in E} = (100 - 82)/100 * 6000 * 50/100 = 540$$

$$6000 * 50/100 = 540$$

$$\text{Difference} = 630 - 540 = 90$$

16. Answer: B

$$\text{Required ratio} = 4 * 2x : x * 1$$

$$= 8:1$$

17. Answer: A

$$4x * 2x - x * 1 = 105$$

$$x = 15$$

$$\text{Required average} = (24 * 2 + (8 * 15) + 15)/3$$

$$= 61$$

18. Answer: B

$$C = B/4$$

$$C = 3/5 * A$$

$$\text{Required percentage} = 4C - (5C/3)/(5C/3) * 100$$

$$= 140\%$$

19. Answer: B

Total number of candidate who call interview

from A = 48

$$\text{Female candidate} = 48 * 75/100 = 36$$

$$\text{Male candidate} = 48 * 25/100 = 12$$

$$\text{Number of vacancy from A} = 2$$

I.e. The number of female candidate who did not

$$\text{get Job in A} = 36 - 1 = 35$$

20. Answer: C

21. Answer: A

$$x * (2x + 5) = 168$$

$$2x^2 + 5x - 168 = 0$$

$$2x^2 + 21x - 16x - 168 = 0$$

$$2x(x - 8) + 21(x - 8) = 0$$

$$x = 8$$

$$AB = 2 * 8 + 5 = 21 \text{ cm}$$

22. Answer: B

$$7 \quad 3$$

$$3.4$$

$$0.4 \quad 3.6$$

$$= 1:9$$

$$7x + 3(100 - x) = 340$$

$$7x - 3x = 40$$

$$x = 10 \text{ km}$$

23. Answer: E

$$\text{Area of the wall} = 2lh + 2bh$$

$$l = b$$

$$4 * l * h = 128$$

$$l = 128/16 = 8 \text{ cm}$$

$$\text{Area of the floor} = 8 * 8 = 64 \text{ cm}^2$$

24. Answer: A

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$$4x - 3x = 612$$

$$x = 612$$

$$\begin{aligned} \text{Income of the person} &= 100/(100 - 16) * (7 * \\ &612) \\ &= \text{Rs.}5100 \end{aligned}$$

25. Answer: A

Time ratio of A and B = 4:3

$$4x - 3x = 21 \text{ minutes}$$

$$\text{Required time} = 21 * 4 = 84 \text{ minutes}$$

26. Answer: B

$$x * 41 = (x + 40) * 21$$

$$41x = 21x + 840$$

$$x = 42$$

27. Answer: D

$$A + 8 = 2B$$

$$C - 6 = B$$

$$(A + 4)/(C + 6) = 9/8$$

$$(2B - 8 + 4)/(B + 6 + 6) = 9/8$$

$$9B + 108 = 16B - 32$$

$$B = 20$$

$$\text{Required answer} = 20 - 8 = 12 \text{ years}$$

28. Answer: C

Quantity I,

Speed of train B = x

$$100 + 120 = (50 - x) * 5/18 * 60$$

$$660 = 2500 - 50x$$

$$x = 36.8 \text{ kmph}$$

Quantity II,

$$40 \text{ Kmph}$$

Quantity I < quantity II

29. Answer: A

Quantity I,

Let the Total quantity = 360

$$\text{Water quantity} = 360 * (3/5 + 5/8 + 5/9) = 641$$

$$\text{Required \%} = 641/1080 * 100 = 59.35\%$$

Quantity II,

$$\text{Water} = 100 - 75 = 25\%$$

Quantity I > quantity II

30. Answer: E

$$(x^2 - b^2)/2 = ax - ab$$

$$(x + b) * (x - b) = 2a(x - b)$$

$$x + b = 2a$$

Relationship cannot be established

31. Answer: A

Quantity I,

$$x^3 - 2x^2 - x + 2 = 0$$

$$(x - 2) * (x^2 - 1) = 0$$

$$x = 2, 1, -1$$

Quantity II,

$$y = -3$$

Quantity I > quantity II

32. Answer: B

$$\text{Orange in 28 liters} = 28 * 4/7 = 16 \text{ liters}$$

$$\text{Apple juice in 28 liters} = 28 * 3/7 = 12 \text{ liters}$$

$$\text{Orange juice in vessel B} = 3x$$

$$\text{Apple juice in vessel B} = 2x$$

$$(3x + 16)/(2x + 12) = 13/9$$

$$26x + 156 = 27x + 144$$

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$x = 12$ liters

Initial quantity of vessel B = $12 * 5 = 60$ liters

New quantity of juice in vessel B = $60 + 28 = 88$ liters

Initial quantity of vessel A = $88 - 18 = 70$ liters

Initial quantity of orange juice = $70 * \frac{4}{7} = 40$ liters

33. Answer: C

Profit ratio of A, B and C = $(4800 * 8 + 5600 * 6) : (6400 * 6 + 5200 * 8) : (10000 * 6)$
 $= 72000 : 80000 : 60000$
 $= 18 : 20 : 15$

Required difference = $\frac{3}{53} * 53000$
 $= \text{Rs.}3000$

34. Answer: C

CP of Battery = $2x$

CP of Charger = x

CP of pendrive = $\frac{1}{3} * 2x = \frac{2x}{3}$

SP of Battery = SP of Charger = SP of Pendrive
 $= y$

Total CP = $2x + x + \frac{2x}{3} = \frac{11x}{3}$

Total SP = $y + y + y = 3y$

$3y - \frac{11x}{3} = \frac{11x}{3} * \frac{25}{100}$

$3y - \frac{11x}{3} = \frac{11x}{12}$

$3y = \frac{11x}{12} + \frac{11x}{3}$

$3y = \frac{55x}{12}$

$\frac{x}{y} = \frac{36}{55}$

$x = 36k, y = 55k$

Required percentage = $\frac{(36k * 2)}{55k} * 100$
 $= 131\%$ (approx)

35. Answer: E

SI = $(x * \frac{40}{100} * 15 * 4) / 100 = 0.24x$

Shopping = $x * \frac{60}{100} * \frac{20}{100} = 0.12x$

After 2 years he invests 60% of remaining amount in the same bank in same scheme, SI = $(x * \frac{60}{100} * \frac{80}{100} * \frac{60}{100} * 15 * 2) / 100$
 $= 0.0864x$

Food = $0.48x * \frac{40}{100} = 0.192x$

$(0.24x + 0.0864x) - (0.12x + 0.192x) = 115.2$

$0.0144x = 115.2$

$x = 8000$

36. Answer: C

Number of girls = $720 * \frac{100}{45} = 1600$

Number of boys = $1600 * \frac{5}{4} = 2000$

Total number of students who like cricket = $(2000 + 1600) * \frac{44}{100} = 1584$

Number of boys like cricket = $1584 - 720 = 864$

Required percentage = $\frac{864}{2000} * 100 = 43.2\%$

37. Answer: A

if Nandhini started the work, Nandhini and Usha completed the work in = $\frac{3}{202}$

Nandhini works for 34 days while Usha works for $33\frac{1}{3}$ days

If Usha started the work, then Nandhini and Usha together can complete the whole work = 67 days

Usha works for 34 days while Nandhini work for 33 days

$34x + 33\frac{1}{3}y = 34y + 33x$

$x = \frac{2}{3} * y$

Required ratio Nandhini to Usha = 2:3

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38. Answer: D

Number of red shirts = $54 \times \frac{1}{3} = 18$

Remaining = $54 - 18 = 36$

Number of black shirt = $2x$

Number of blue shirts = x

$2x + x = 36$

$x = 12$

Required probability = $\frac{12C_1}{54C_1}$

= $\frac{2}{9}$

39. Answer: A

Speed of downstream = 30 kmph

Speed of upstream = 6 kmph

Speed of boat = $(30 + 6)/2 = 18$ kmph

Speed of stream = $(30 - 6)/2 = 12$ kmph

New speed of boat = $18 \times \frac{1000}{900} = 20$ kmph

New speed of stream = $12 \times \frac{125}{100} = 15$ kmph

Required time = $\frac{122.5}{(20 + 15)} + \frac{240}{(20 - 15)}$

= $3.5 + 48$

= 51.5 hours

40. Answer: E

Pipe A alone fill 50 liters per hour, so Pipe B alone fill 100 liters per hour.

Capacity of the tank = T

$\frac{T}{50} - \frac{T}{100} = x - (x - 8)$

T = 800 liters

Directions (41-45):

41) Answer: C

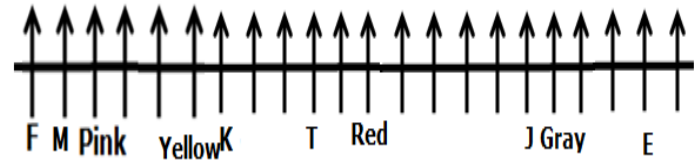
42) Answer: E

43) Answer: E

44) Answer: A

45) Answer: B

Final Arrangement

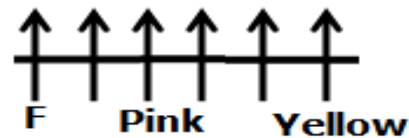


We have,

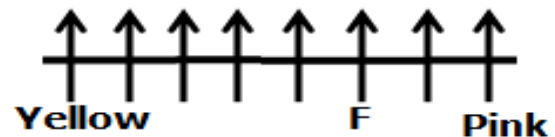
- Only four persons sit between F and the one who likes yellow.
- The one who likes Pink sits second to the right of F.

From the above condition, there are two possibilities.

Case1



Case2

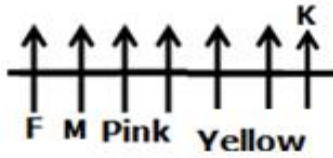


Again we have,

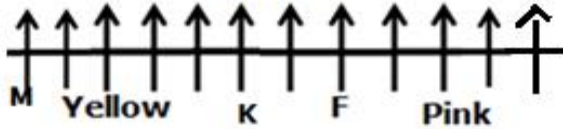
- Three persons sit between the one who likes Pink and K.
- The one who likes pink sits third from one of the ends.
- M sits fifth to the left of K.

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Case1



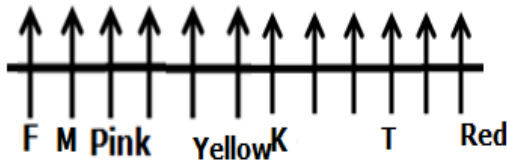
Case2



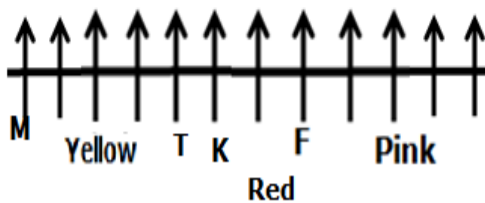
Again we have,

- The number of persons sit between M and the one who likes Yellow is the same as the number of persons sit between the one who likes yellow and T.
- T sits second to the left of the one who likes Red.

Case1



Case2

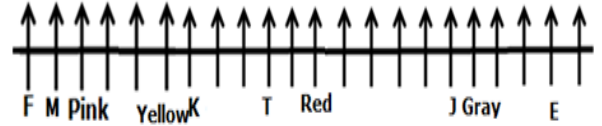


Again we have,

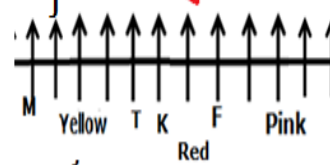
- Only three persons sit between E and J.
- Only four persons sit between the one who likes Red and J.
- E sits second from the right end.
- Only two persons sit between E and the one who likes Gray.

From the above condition, case2 gets eliminated. Case1 shows the final arrangement.

Case1



~~Case2~~

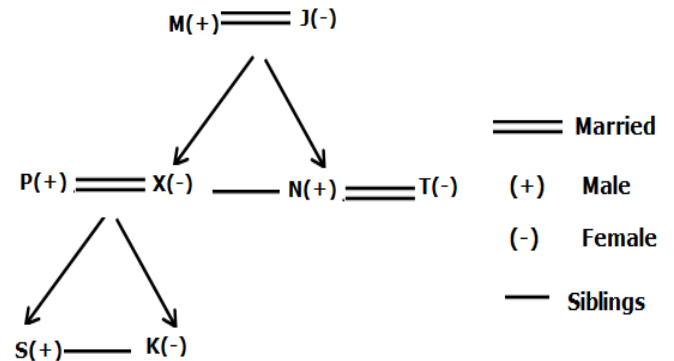


Directions (46-48)

46) Answer: D

47) Answer: C

48) Answer: E



Directions (49-53):

49) Answer: D

50) Answer: A

51) Answer: B

52) Answer: E

53) Answer: D

Final Arrangement

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Months	Events	City
January	B	Dispur
February	F	Gwalior
March	G	Jaipur
April	A	Lucknow
May	D	Chennai
July	H	Mumbai
August	E	Kolkata
November	C	Nagpur

We have,

- Event of A was held in the month which has 30 days.
- Only two events are held between A and the event held in Kolkata.
- Event H was held immediately before the event held in Kolkata.

From the above condition, there are two possibilities.

Months	Case1		Case2	
	Events	City	Events	City
January				
February				
March				
April	A		H	
May				Kolkata
July	H			
August		Kolkata		
November			A	

Again we have,

- As many Events held before A as after the event held in Chennai.
- Event of C was held in the month which has an even number of days.
- Event C was held two events after the event held in Mumbai.

From the above condition, case2 gets eliminated.

Months	Case1		Case2	
	Events	City	Events	City
January				Chennai
February				
March				
April	A		H	
May		Chennai		Kolkata
July	H	Mumbai		
August		Kolkata		
November	C		A	

Again we have,

- The number of events held between C and the event held in Chennai is the same as the number of events held between A and the event held in Dispur.
- Event F was held immediately before G, neither of the events was held in Dispur.
- Event B was held immediately before the event held in Gwalior. At least one event is held after the event which held in Gwalior.

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Months	Events	City
January	B	Dispur
February	F	Gwalior
March	G	
April	A	
May		Chennai
July	H	Mumbai
August		Kolkata
November	C	

Again we have,

- Event E was held before the event held in Nagpur.
- No event was held between D and the event held in Lucknow.

Months	Events	City
January	B	Dispur
February	F	Gwalior
March	G	Jaipur
April	A	Lucknow
May	D	Chennai
July	H	Mumbai
August	E	Kolkata
November	C	Nagpur

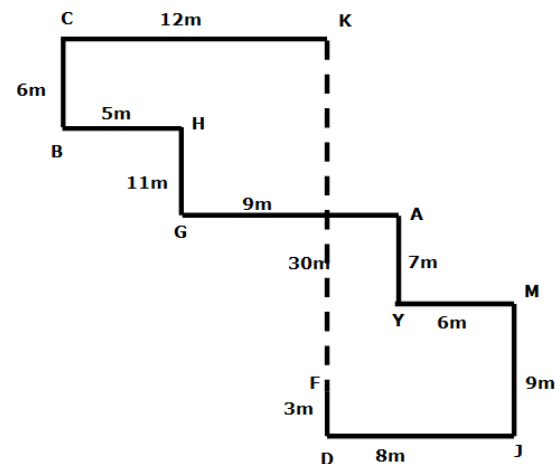
Directions (54-56):

54) Answer: C

55) Answer: C

56) Answer: E

Final Arrangement



Directions (57-61):

57) Answer: B

58) Answer: A

59) Answer: D

60) Answer: B

61) Answer: D

Final Arrangement

Positions	Person	Animals
CFO	S	Kangaroo
ED	B	Jaguar
GM	D	Lion
DGM	T	Fox
Manager	C	Giraffe
AM	E	Puma
PO	V	Hyena
Clerk	A	Iguana

We have,

- A is junior to the one who is Assistant Manager.
- Only one person holds a position between A and the one who likes Puma.

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From the above condition, there are two possibilities.

Positions	Case1		Case2	
	Person	Animals	Person	Animals
CFO				
ED				
GM				
DGM				
Manager		Puma		
AM				Puma
PO	A			
Clerk			A	

Again we have,

- As many persons junior to A as senior to S.
- Only one person holds a position between S and the one who likes Lion.
- C is immediately junior to the one who likes Fox.
- Only three persons hold the positions between A and the one who likes Fox.

Positions	Case1		Case2	
	Person	Animals	Person	Animals
CFO			S	
ED	S			
GM		Fox		Lion
DGM	C	Lion		Fox
Manager		Puma	C	
AM				Puma
PO	A			
Clerk			A	

- The number of persons holds the positions between S and the one who likes Fox is the same as the number of persons holds positions between C and B.
- No one holds the position between B and D.
- E is immediately junior to the one who likes the Giraffe.
- V is junior to E but senior to the one who likes Iguana.

From the above condition, case1 gets eliminated.

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	Case1		Case2	
Positions	Person	Animals	Person	Animals
CFO			S	
ED	S		B	
GM		Fox	D	Lion
DGM	C	Lion		Fox
Manager	B	Puma	C	Giraffe
AM	D		E	Puma
PO	A		V	
Clerk			A	Iguana

Again we have,

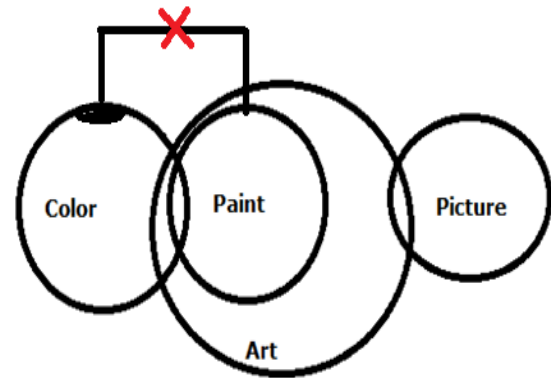
- Less the two persons hold the position between T and the one who likes Jaguar.
- V does not like Kangaroo.

From the above condition, case2 shows the final arrangement.

	Case2	
Positions	Person	Animals
CFO	S	Kangaroo
ED	B	Jaguar
GM	D	Lion
DGM	T	Fox
Manager	C	Giraffe
AM	E	Puma
PO	V	Hyena
Clerk	A	Iguana

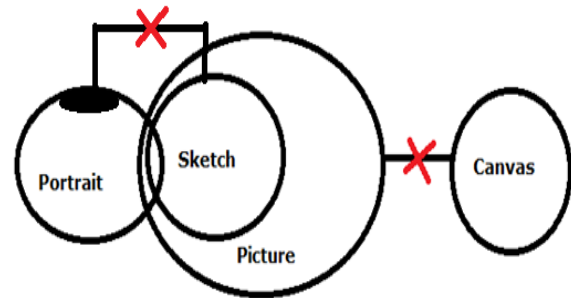
Directions (62-64):

62) Answer: E



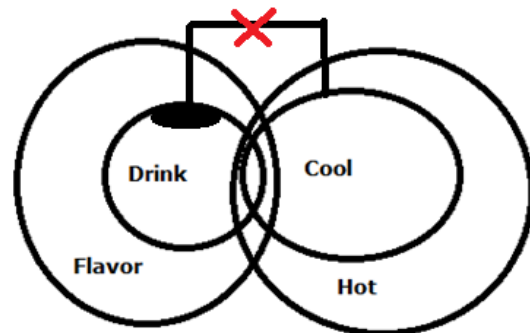
Neither I nor II follow

63) Answer: C



Only II follows

64) Answer: C



Only II follows

Directions (65-69):

65) Answer: D

66) Answer: E

67) Answer: C

68) Answer: C

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69) Answer: B

Final Arrangement

Floor	Flat X	Flat Y
4	K, Sunflower	O, Tulip
3	N, Lily	M, Rose
2	P, Orchid	J, Daffodil
1	L, Crossandra	Q, Marigold

We have,

- P lives on an even number floor.
- P lives immediately below the flat of the one who likes Lily.
- N lives west of the one who likes Rose.
- P does not like Rose.
- The one who likes Rose lives immediately above the flat of the one who likes Daffodil.

From the above condition, there are two possibilities.

Floor	Case1		Case2		Case1a	
	Flat X	Flat Y	Flat X	Flat Y	Flat X	Flat Y
4			N	Rose	N	Rose
3	N, Lily	Rose		Lily	Lily	Daffodil
2	P	Daffodil		P	P	
1						

Again we have,

- Only one floor is between N and the one who likes Crossandra.
- The one who likes Crossandra lives immediately below J in different flats.
- The one who likes Crossandra lives three floors below the flat of K.

- K lives west of the one who likes Tulip.

From the above condition, case1a gets eliminated.

Floor	Case1		Case1a	
	Flat X	Flat Y	Flat X	Flat Y
4	K	Tulip	N	Rose
3	N, Lily	Rose	Lily	Daffodil
2	P	J, Daffodil	P	
1	Crossandra			

Again we have,

- Q lives adjacent floor of the one who likes Orchid.
- At least one floor is above the floor of the one who likes Orchid.
- Q and K do not live in the same type of flat.
- Neither Q nor L likes Rose.
- L lives below the one who likes Sunflower.
- Only one floor is between the one who likes Marigold and M.

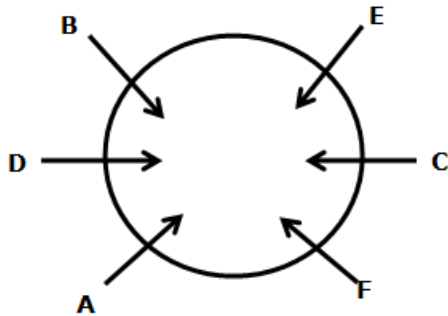
Floor	Case1	
	Flat X	Flat Y
4	K, Sunflower	O, Tulip
3	N, Lily	M, Rose
2	P, Orchid	J, Daffodil
1	L, Crossandra	Q, Marigold

70) Answer: B

From statement1, we can't get the answer

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Statement 2



From statement 2, we can get the answer

71) Answer: C

Statement 1



From statement 1, we can get the answer

Statement 2



From the statement, we can get the answer.

72) Answer: E

Statement 1

Word	Code
Piece/Tone	Ad/vn

Statement 2

Words	Codes
Piece/soul	Ad/uv
Hymn	Qj
Tone/Tune	Vn/zm

From both statement 1 and statement 2

Words	Codes
Piece	Ad
Tone	Vn
Hymn	Qj

73) Answer: D

- a) 25863745 → 06644826 = 36
- b) 53864812 → 64642620 = 30
- c) 68453617 → 46264428 = 36
- d) 18367824 → 26448602 = 32
- e) 57836182 → 68644260 = 36

74) Answer: D

- I. FAMOUS → AOUFMS → BPVELR
- II. ULTIMATE → AEIULMTT → BFJVKLSS
- III. UNIFORM → IOUFMNR → JPVELMQ

75) Answer: E

- a) Agenda, Beauty, Budget, Eighth → eadg → Aged
- b) Handed, Branch, Debate, Taking → nabk → Bank

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- c) Either, Dealer, Closed, Tagging→taog→Goat
d) Corner, Create, Lawyer, Riding→rewd→Drew
e) **Silver, Submit, Vision, Winter→Ibsn**

76) Answer: D

The author is trying to point out the redundancy of the so-called new invention/development. Hulls are made of wood. The new invention involves a method, which converts wood into some kind of plastic, which is then used to make hulls of ships. The new invention is basically lengthening and complicating the process. Thus, D is correct.

77) Answer: B

Out of all the given options, only option (b) reaches close to the idea of the study being mentioned in the paragraphs above. Option (a) can be true but it cannot be inferred from the paragraph. Options (c) and (d) cannot be deduced from the context. Option (e) could be close had it been biased in favor of the non players and not against them.

78) Answer: C

Does option (a) solve or lessen the problem?
No! As if not games then there could be other means too
Does option (b) solve or lessen the problem?
Not at all; in fact it would aggravate the issue crying racism

Does option (d) solve the issue? Definitely not; as banning them would make them more aggressive
Option (c) may not completely solve the problem but at least lessen it a bit. So out of the given choices, (c) should be correct.

79) Answer: A

Option (a) if assumed will make us infer the facts given in the paragraph about the study that has been mentioned.
Other options if assumed won't resonate with the context of the passage.
Hence, option (a) is the correct answer

80) Answer: D

The airlines have already discounted the fares and as per the statement this step has been taken in order to increase the demand.
If they assume I, they would take the step in the statement
If they assume II, they would take the step in the statement
Hence, both I and II are good to be called as assumptions.

81) Answer: D

The sentences after joining would be:
A-E → Earlier the niche of foreigners, wellness tourism is gathering pace among Indians who are turning to Ayurveda, Yoga and Naturopathy for holistic health

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B-D → The previous generation was different, in that they used debt to fund their expansion and rarely allowed their family stakes to dip below 50 per cent, or at least 26 per cent.

C and F do not match.

82) Answer: E

A talks about CII and D talks about business engagement so, A-D forms a great link.

C goes well with E, as both discuss the Bengal by-poll

B talks about power cuts and F talks about cutting production which makes B-F the correct pair.

So, the correct option with the correct combinations is (e).

83) Answer: A

None of the sentences can be combined into a meaningful sentence. So, none matches i.e. option (a) is the right answer.

84) Answer: C

B talks about the increasing costs and F talks about the increasing prices so this makes a complete pair.

C goes well with E as it is a complete sentence which says Britney Spears' father was found bugging her house.

And, A and D do not make any sense as they are two unrelated ideas.

Hence, option (c) is the correct answer.

85) Answer: D

'has' at the end of A and 'been' in the beginning of D connect very well to make a meaningful sentence. So, A-D makes a good pair.

C and F could match if F started with 'one of' and not just 'of'. So, this gets ruled out.

B and E also do not match even though they reflect the same idea.

So, option (d) is the correct answer.

86) Answer: B

Any of the given starters if placed before the first sentence won't make any sense and there would be a need of other words as well to join the two statements.

Also, we can use 'assuming' to connect the sentences but in between so this gets ruled out.

The sentences after being connected would be:

→ ***Make sure to*** diversify your investments and consider mitigating your risks by taking some positions that will benefit from Trump's successes and others that will see gains if he fails

→ ***There is a need to*** diversify your investments and consider mitigating your risks by taking some positions that will benefit from Trump's successes and others that will see gains if he fails

87) Answer: A

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The best starter that connects the two given sentences meaningfully is (i). The sentence after connecting would be:

→ **But despite** the change in living quarters, it is important to acknowledge boundaries in the work environment. For example, in the workplace, I need to respect my father as my boss, but he also needs to respect my professional opinion even if it differs from his.

88) Answer: C

The sentences can be combined meaningfully when 'Sustaining' starts the first sentence and the second sentence continues the idea.

Other starters do not combine the sentences well and hence can be ruled out. The correct sentence is given below:

→ **Sustaining** this kind of success takes effort, investment, and commitment. Which is why, when a multinational giant comes knocking at the door with an impressive offer, it's not easy—or always right—to walk away

89) Answer: B

The given sentence uses all the words correctly and there is no change required. So, the correct answer is option (b).

90) Answer: C

Self-insurance brings a lot of benefits if it is properly '**implemented**' will make more sense.

This means that A and D must change their positions to make the sentence meaningful.

Hence, option (c) is the correct answer.

91) Answer: C

Corporations **and** Small Businesses sounds better and '**would be wise**' would make sense. Looking at these two, the correct option would be the one with A-D and B-C.

So, the correct answer is (c).

92) Answer: A

'Each region they **serve**' makes the sentence correct. So, Serve should interchange with nature.

Hence, option (a) C-D is correct.

93) Answer: B

Though the sentence as given looks correct; it would become even more accurate with an interchange between 'Multinationals' and 'However'.

So, the correct answer should be (b).

94) Answer: C

Sentence (ii) is incorrect as;

Experts say the recovery in power demand and consumption in August 2021 is consistent and robust

The line from the passage shows that the recovery was consistent and (ii) says it was inconsistent.

So, option (c) is the correct answer.

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95) Answer: B

The line with the word talks about easing of the lockdown norms so the best word that will fit in the context will be 'restrictions' as it will not change the meaning of the sentence.

Option (a) and (d) are also synonyms to curb but they will not fit in the context of the sentence logically.

Option (c) is an antonym.

96) Answer: D

Refer to the following lines below to have a clear look at the answer option.

The only fear is that another wave of the pandemic can dampen this recovery in power consumption and demand, they said.

Hence, option (d) is correct.

97) Answer: C

The line talks about a strong growth in the power sector. But as the questions need an antonym, 'frail' which means weak will fit in for the answer.

Hence, option (c) is the correct answer.

98) Answer: E

The lines from the third paragraph given below help us reach the answer:

The commercial and industrial power demand and consumption got affected from April onwards this year due to lockdown restrictions imposed by States to contain the deadly second wave of COVID-19.

The correct answer therefore, is option (e).

99) Answer: C

The verb 'met' has been used in the line before the given phrase which indicates that the sentence is talking about the past estimates.

To make it correct, 'stands' must be replaced by 'stood' so, options (a) and (b) would be ruled out.

The use of 'around' and 'from' in (d) and (e) also help eliminate these options.

So, the best option available is (c).

100) Answer: A

The entire passage discusses the impact of lockdowns and power consumption patterns in India.

So, the best option would be (a).

101) Answer: D

In sentence (d) the **correct word** that must be used in 'catch' and not 'hatch'.

In (a), 'hatch' refers to the door in an aircraft or a ship.

In (b) down the hatch is used to express friendly feelings towards one's companions before drinking.

In (c) batten down the hatches is used in sense of preparing for a difficulty or crisis.

102) Answer: E

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Gilt → covered thinly with gold leaf or gold paint; fixed-interest loan securities issued by the UK government.

All the sentences use either of the two meanings given very well.

So, option (e) is the correct answer.

103) Answer: B

Sentence (b) should be correct if it uses the word 'rear' in place of 'bear'

So, option (b) is the correct answer.

104) Answer: C

In (c) the correct word should be 'burn' and not 'run'

The other sentences use the given word correctly.

So, (c) is the correct answer.

105) Answer: E

The paragraph starts with introducing the idea of inspiring young people to take the plunge and not just keep thinking

So, the first sentence should be B as it introduces the idea

D continues the idea that an idea will just keep waiting until you take the risk.

F then talks about failure as, if you take risk it is not necessary that you would only succeed. If you fail, you fail.

E will continue by saying that the message given by the entrepreneur is pretty clear.

C will continue explaining how Branson's article helped him get over overthinking

A will be the best conclusion as it ends by saying that this is the best advice for anyone who is aspiring to be an entrepreneur.

So, the correct sequence would be BDFECA.

The correct answer option is therefore, (e).

106) Answer: A

The correct sequence would be BDFECA.

So, the combination that comes together would be (a).

107) Answer: C

The correct sequence would be BDFECA.

Clearly, F is the third sentence after rearrangement.

108) Answer: C

The correct sequence would be BDFECA.

Clearly, B will be the first sentence after rearrangement.

109) Answer: D

The correct sequence would be BDFECA.

A is the last sentence after rearrangement.

110) Answer: D

The correct sequence would be BDFECA.

Clearly, D is the second sentence after rearrangement.

111) Answer: A

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Slew → a large variety or group of things

Panoramic → covering a large area to make the surroundings airy

Hoax doesn't fit the context as it means a deliberately fabricated falsehood.

Of the given options, only the words in (a) fit in the sentence.

112) Answer: C

The sentence is talking about Pakistan's targeting to acquire the armed drones for Turkey. Now before the last paragraph, the sentence talks about bringing back the legacy of an empire. So, thriving and extant both can be ruled out as they mean something that is still existing and prospering.

The best pair of words that fit in will be eyeing and bygone as they mean targeting and extinct respectively.

So, option (c) is the best option.

113) Answer: D

The sentence says that it is important for India to build its own capacity in terms of drones as the enemies are operating Chinese made drones.

So, this idea gets completed with just two words; important and indigenous (native, domestically built).

Imperative and Paramount are synonyms of important but the second words in the respective options won't fit contextually so ruled out.

Subsided (recede or fall back) does not fit in the meaning of the sentence.

So, the correct answer is (d).

114) Answer: C

The given sentence tells us that the C5 is very expensive because of many reasons and the main reason is that the company had already promised to launch the SUV models for which work is already in progress.

The other options are eliminated as the second blank choices are not grammatically appropriate

115) Answer: E

Recall, Expense and Might do not fit in the first blank so, options (b), (c) and (d) will be eliminated.

Spend so much time makes better sense than ruminate so much time and hence, option (e) is the best answer.

116) Answer: B

The correct usage in part (B) should be 'muscling up' that means 'working hard on improving the military powers' or 'strengthening'. The other parts are grammatically correct.

117) Answer: B

The correct usage here should be 'being a key part of' which means 'India is the centre of the global resilient chain, having indefinite power' so it ought to work more on the climate change policies.

118) Answer: C

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The correct usage should be 'the meeting acquires' as per the subject verb agreement rule.

Acquired could also have been correct but unnecessarily violating the tense is not needed. Hence, option (c) is correct.

119) Answer: A

The correct usage should be '**the** Biden administration' as the article is important here to

signify that there is a mention of a specific administration.

120) Answer: D

The correct usage in D should be 'one of the **medications**' as per the rule that says 'one of the' should always be followed by a plural subject.

Hence, the correct answer is option (d).