

**IBPS PO PRE MEMORY BASED SET (ENGLISH)**

**Direction (01-10):** Read the following passage carefully and answer the questions given below it. Certain words are given in bold to help you locate them while answering some of the questions.

The effects of the worst economic **downturn** since the Great Depression are forcing changes on state governments and the U.S. economy that could linger for decades. By one Federal Reserve estimate, the country lost almost an entire year's worth of economic activity – nearly \$14 trillion – during the recession from 2007 to 2009. The deep and **persistent** losses of the recession forced states to make broad cuts in spending and public workforces. For businesses, the recession led to changes in expansion plans and worker compensation. And for individual Americans, it has meant a future postponed, as fewer buy houses and start families. Five years after the financial crash, the country is still struggling to recover." In the aftermath of [previous] recessions there were strong recoveries. That is not true this time around," said Gary Burtless, a senior fellow at the Brookings Institution. "This is more like the pace getting out of the Great Depression." For years, housing served as the backbone of economic growth and as an investment opportunity that propelled generations of Americans into the middle class.

But the financial crisis burst the housing bubble and devastated the real estate market, leaving millions facing **foreclosure**, millions more underwater, and generally stripping Americans of years' worth of accumulated wealth. Anthony B. Sanders, a professor of real estate finance at George Mason University, said even the nascent housing recovery can't escape the effects of the recession. Home values may have rebounded, he said, but the factors driving that recovery are very different than those that drove the growth in the market in the 1990s and 2000s. Sanders said more than half of recent home purchases have been made in cash, which signals investors and hedge funds are taking advantage of cheap properties. That could freeze out average buyers and also means little real economic growth underpins those sales. Those effects are clear in homeownership rates, which continue to decline. In the second quarter of this year, the U.S. homeownership rate was 65.1%, according to Census Bureau data, the lowest since 1995. In the mid-2000s, it topped 69%, capping a steady pace of growth that began after the early 1990s recession. Reversing that will be a challenge, in part because credit has tightened and lending rules have been toughened in an effort to avoid the mistakes that inflated the housing bubble in the first place.

"Credit expanded, and now contracted, and it's going to be tight like this as far as the eye can see," Sanders said. "We so destroyed so many households when the bubble burst, there's just not the groundswell to fill the demand again." Some are **skeptical** that the tight credit market and new efforts to regulate the financial markets, like the Dodd-Frank law, will prove lasting. Americans have often responded with calls for regulation after financial sector-driven crises and accusations of mismanagement, according to Brookings' Burtless. "But eventually, those fires cool down," he said. "It's not as though this memory of what can go wrong sticks with us very long." That can be seen in the intense efforts to water down Dodd-Frank's regulations, Burtless said. Federal regulators have already made moves to relax requirements for some potential homeowners who were victims of the recent housing crisis. Even those steps and an unlikely return to easy credit might not fuel a full housing recovery without economic growth to back it up. As Sanders, referring to the growth in low-wage and part-time employment, put it: "At those wages, it's tough to scramble together down payments and mortgages."

Turmoil in the housing market has already reshaped the makeup of households nationwide. Homeownership rates among people with children under 18 fell sharply during the recession, declining 15% between 2005 and 2011, according to Census Bureau data. In some states it was far worse. For Michigan, the decline in homeownership was 23%, and in Arizona and California it was 22%. Lackluster job growth has outlived the downturn. A study by the Economic Policy Institute showed wages for all workers, when adjusted for inflation, grew just 1.5% between 2000 and 2007. But the last five years wiped out even those modest gains—the study found wages declined for the bottom 70% of all workers since the recession began. However, some areas have seen manufacturing jobs climb back from recessionary lows, and the energy sector has been a boon for some Midwestern states. One hopeful sign for workers is the shift away from manufacturing growth in the typically low-wage South back toward the Rust Belt states, reversing a movement that was taking hold before the downturn. That trend is documented in a 2012 report from the Brookings Institution, "Locating American Manufacturing: Trends in the Geography of Production."

From 2000 to 2010, both the Midwest and South lost manufacturing jobs at about the national rate of 34%. But the Midwest has seen nearly half of all manufacturing jobs gained since 2010, almost double the increase in the South. For Michigan, the growth was 19%; in Indiana, 12%. Even with that growth, there are caveats. Autoworker unions have ceded ground with companies on wages and benefits, for example, allowing new hires to work for lower pay and fewer benefits than those who've held their jobs longer. Unemployment remains stubbornly high in some states, and the jobs

created have leaned heavily toward part-time and low-pay work. A study from the San Francisco Federal Reserve found the proportion of U.S. jobs that are part-time is high, as many of the jobs lost during the recession have not returned.

- Q1. How, according to the passage, plunge in the economy devastated the life of the Americans?
- (a) it has led to huge loss of revenues amounting almost \$14 trillion
  - (b) due to degrading economy there has been voluminous cuts in spending
  - (c) it has led to a wide scale increase in the number of people buying homes.
  - (d) both (a) and (b)
  - (e) All of the above
- Q2. What can be sighted as the prime cause of this economic slump?
- (a) changes in expansion plans and worker compensation.
  - (b) the expansion in the Credit which has upheld the investment in manufacturing sector
  - (c) the tight credit market which has resulted in the decline of real estate business
  - (d) deregulation of the financial markets which has slowed down the economy
  - (e) mismanagement of funds has led to huge confusion among the citizens
- Q3. Why have been the employers preferring part time jobs to regular full time jobs since the downfall in economy?
- (I) to downslide the debt curtailed over the organizations
  - (II) so that more number of jobs can be raised from a single job
  - (III) because lots of jobs lost during the recession have not returned yet
- (a) Only (I)
  - (b) Only (III)
  - (c) Both (II) and (III)
  - (d) Both (I) and (III)
  - (e) None is true
- Q4. Home ownership has drastically decreased since the economic downturn. Explain.
- (a) because of the changes made in the Credit laws
  - (b) due to the sudden shift in the nature of the federal towards the middle class Americans
  - (c) due to sudden losses incurred in the real estate business of a large number of people
  - (d) because people are making broad cuts in their spending
  - (e) None of these
- Q5. Which of the following statements is/are NOT TRUE in the context of the passage?
- (a) federals are tightening the lending rules to avoid mistakes which inflated housing bubble lately
  - (b) the U.S. economy could linger for decades due to this economic recession
  - (c) there has been steep increase in low pay work to reduce unemployment slowly but steadily
  - (d) even after a decade of the financial crash, the country is still struggling to recover
  - (e) None of these
- Q6. Which of the following is the most suitable title for the passage?
- (a) The economic downturn
  - (b) The economic paralysis
  - (c) 2008 financial crisis impact still hurting states
  - (d) The upsurge in unemployment
  - (e) The declining economy

**Directions (07-08):** Choose the word/group of words which is most similar in meaning to the word/group of words printed in bold as used in passage.

- Q7. **Downturn**
- (a) operose
  - (b) aeonian
  - (c) abetment
  - (d) descent
  - (e) procurement
- Q8. **Persistent**
- (a) merciful
  - (b) tenacious
  - (c) intermittent
  - (d) relenting
  - (e) yielding

**Directions (09-10):** Choose the word/group of words which is most opposite in meaning to the word/group of words printed in bold as used in passage.

Q9. **Foreclosure**

- (a) preclude
- (b) legalize
- (c) deprive
- (d) allow
- (e) prevent

Q10. **Skeptical**

- (a) dubious
- (b) dissenting
- (c) convinced
- (d) cynical
- (e) doubted

**Direction (11-20):** Which of the following phrases (I), (II), and (III) given below each sentence should replace the phrase printed in bold letters to make the sentence grammatically correct? Choose the best option among the five given alternatives that reflect the correct use of phrase in the context of the grammatically correct sentence. If the sentence is correct as it is, mark (e) i.e., "No correction required" as the answer.

Q11. Every Open House we held since 2013 reaffirmed our belief that there is a need for human intervention **to retain its trust and credibility over the age of** anonymous communication.

- (I) to retain trust and credibility in this age of
- (II) to retaining trust and credibility ageing
- (III) for retention of trust and credible age of

- (a) Only (I) is correct
- (b) Only (III) is correct
- (c) Both (I) and (II) are correct
- (d) Both (II) and (III) are correct
- (e) No correction required

Q12. **How it is possible for** a multi-edition newspaper to produce completely different newspapers for various cities?

- (I) Is it possible for
- (II) Does it possible to
- (III) How is it possible for

- (a) Only (I) is correct
- (b) Only (II) is correct
- (c) Only (III) is correct
- (d) Both (I) and (III) are correct
- (e) No correction required

Q13. It is a process where continuity and change **are in consonance with each other**, where the introduction of a new segment does not subsume the importance of the existing segments.

- (I) is in consonance with one another
- (II) are in consonant to one another
- (III) is in consonance at each other

- (a) Only (I) is correct
- (b) Only (II) is correct
- (c) Both (I) and (III) are correct
- (d) Both (II) and (III) are correct
- (e) No correction required

Q14. **With cyberspace giving** an opportunity to many to express themselves, the question that remains unanswered is whether their voices are heard?

- (I) As cyberspace might be giving
- (II) While cyberspace may have given
- (III) Although cyberspace has given

- (a) Only (I) is correct
- (b) Only (II) is correct
- (c) Both (I) and (III) are correct
- (d) Both (II) and (III) are correct
- (e) No correction required

- Q15. The “Hermit Kingdom” is increasingly **isolating itself because of its** nuclear ambition that threatens its neighbourhood and the world at large.  
(I) isolated because of  
(II) isolating themselves because of  
(III) isolated themselves because of their  
(a) Only (I) is correct  
(b) Only (II) is correct  
(c) Only (III) is correct  
(d) Both (I) and (II) are correct  
(e) No correction required
- Q16. Pointing out the benefits of the GST within a month of its implementation, Modi said that goods are being transported much faster, highways have become clutter-free and pollution levels **had gone down and increased** speed of trucks.  
(I) are being lowered with the decreased  
(II) have come down with the increased  
(III) have been lowered because of decreasing  
(a) Only (I) is correct  
(b) Only (II) is correct  
(c) Only (III) is correct  
(d) Both (I) and (II) are correct  
(e) No correction required
- Q17. Washing your hands at regular intervals **could be the most effective method to staying** healthy and protecting yourself from various ailments.  
(I) is the most effective way of staying  
(II) can be the most effective way to stay  
(III) has the effective effect to stay  
(a) Only (I) is correct  
(b) Only (II) is correct  
(c) Both (I) and (III) are correct  
(d) All are correct  
(e) No correction required
- Q18. Quite a few research institutes **are growing in free India bearing the names of** scientists winning recognition of Western countries, mainly Europe.  
(I) has grown in free India which bears the names of  
(II) have grown up in free India that bears the names of  
(III) grew up in free India bearing the names of  
(a) Only (I) is correct  
(b) Only (II) is correct  
(c) Only (III) is correct  
(d) Both (II) and (III) are correct  
(e) No correction required
- Q19. Southeast Asian countries today are far more integrated than they have ever been in the modern history of the region, **but ASEAN has some way to go** before it can call itself a real community.  
(I) though ASEAN has something to do  
(II) as ASEAN has some places to go  
(III) while ASEAN has to go some other way  
(a) Only (I) is correct  
(b) Both (I) and (II) are correct  
(c) Both (II) and (III) are correct  
(d) All are correct  
(e) No correction required
- Q20. The success of Mithali’s squad has generated fresh interest in the women’s game in India, and **as various goodies have been dangled** many are calling for a female equivalent of the IPL.  
(I) besides various goodies being dangled  
(II) various goodies are being dangled  
(III) apart from various goodies being dangled  
(a) Only (I) is correct  
(b) Both (I) and (II) are correct

- (c) Both (I) and (III) are correct
- (d) All are correct
- (e) No correction required

**Direction (21-30):** Below in each questions some sentences are given, find the sentence which is not really contributing to the main theme and the of the passage or find the odd sentence out and rearrange the remaining sentences to make a coherent paragraph. If the given sentence is correct as it is then choose option (e). If the sequence is the one which is not given then choose option (d) as your choice.

- Q21. (A) keep their inner life (B)/ Tightly under control (C)/ Educational institutions seldom serve as precise mirrors (D)/Of historical change because pedagogic and administrative rituals (E)/ That have nicely preserved an empty shell of a special inherited identity  
 (a) CEDB  
 (b) CDEB  
 (c) CDAB  
 (d) None of these  
 (e) No correction required
- Q22. (A)Most importantly the labour market'(B)/We can expect to see continued spillovers (C)/Into other areas of the economy, (D)/Combined with a 'broader unravelling of credit markets, (E)Parliament should act quickly to keep the economy from stalling  
 (a) DECA  
 (b) DEAC  
 (c) ECBD  
 (d) None of these  
 (e) No correction required
- Q23. (A) And act judiciously to bring the economy back on track(B)/The start-up ecosystem cannot progress in a disturbed business cycle(C)/The economy appears to be in a shambles(D)/ Leaders in the government are failing to recognise the pessimism(E)/ And despite the gloomy forecasts for the future,  
 (a) DAEB  
 (b) BEDA  
 (c) CEDA  
 (d) None of these  
 (e) No correction required
- Q24. (A)Even at the risk of reducing an appraisal(B)/ It strove to make this evident, (C)/Of a great writer such as Ishiguro to a trite high school essay (D)/While announcing the name, (E)/ That came its way last year  
 (a) DBAC  
 (b) ACBE  
 (c) DCBE  
 (d) None of these  
 (e) No correction required
- Q25. (A) But laws do have the utility value (B) To heed the line between religious traditions and superstitious practices (C) Of curbing the prevalence of inhuman rituals and practices (D) To eradicate superstition from society,(E) Mere legislation is not enough  
 (a) EBAC  
 (b) DEBA  
 (c) EDAC  
 (d) None of these  
 (e) No correction required
- Q26. (A) As the LTTE displaced the other Tamil militias and became dominant, (B) To its ambition of a separate state (C)The abuses perpetrated by the warring actors (D) They boldly challenged its political choices, (E) Which, they felt, subordinated the well-being of the Tamil people  
 (a) CEDB  
 (b) DABE  
 (c) ADEB  
 (d) None of these  
 (e) No correction required



- Q27. (A) Are expected to bring their regional expertise (B)/ Are in the exclusive domain of the Union government, (C)/ The successful outcome of a request made by the Kerala Chief Minister (D)/ Has been widely applauded (E)/ Although traditionalists may argue that foreign affairs
- (a) EBCD
  - (b) CDEA
  - (c) EACD
  - (d) None of these
  - (e) No correction required
- Q28. (A) It is this crucial human health angle (B)/ That has spawned a mushrooming body of science centred (C)/ On understanding the linkages between sleep and normal metabolic activity, (D)/ And the potentially deleterious effect of sleep deprivation (E)/ That helped complete the jigsaw puzzle
- (a) CABD
  - (b) ABCE
  - (c) AEBC
  - (d) None of these
  - (e) No correction required
- Q29. (A) Has to give way to (B)/ Avert accidents (C)/ At the cost of maintenance and safety (D)/ The present system of running trains on a congested network (E)/ Safety consciousness in operations
- (a) DCAE
  - (b) EABC
  - (c) DCAB
  - (d) None of these
  - (e) No correction required
- Q30. (A) It is increasingly manifested in their converging interests (B)/ To invest in greater coordination security cooperation (C)/ to ensure Eurasian connectivity plans (D) that are truly multilateral, (E) and also financially and environmentally sustainable.
- (a) ACDE
  - (b) ADCE
  - (c) BACE
  - (d) None of these
  - (e) No correction required

**IBPS PO PRE MEMORY BASED SET (ENGLISH)**

S01. Ans. (d)

Sol. Refer to paragraph1, it is clearly mentioned that due to the degrading economy the states have made a cut on spending and public workforces. Also there has been a sudden decrease in the number of people buying homes or starting families. Hence both the options (b) and (c) are correct.

S02. Ans. (d)

Sol. Read paragraph4 carefully, it is mentioned that the Americans have often responded with calls for regulation after the financial sector-driven crises and have been accused of mismanagement. Hence deregulation is the major cause of this economic slump.

S03. Ans. (b)

Sol Refer to paragraph5 of the passage, it is evident that many of the jobs lost during the recession have not returned and due to that there has been a gradual increase in low wage and part-time jobs. Hence (b) is the correct choice.

S04. Ans. (e)

Sol. From the paragraph 2, we can easily infer that there is a decline in home ownership over the years as even in the second quarter of the year, the U.S. homeownership rate was 65.1%, which is the lowest since 1995 as in the mid-2000s it topped with 69%. Hence none of the options is correct in the context of the passage.

S05. Ans. (d)

Sol. Read the passage, it is nowhere explicitly mentioned that after a decade of financial crash the economy is struggling to recover, so statement (d) is clearly incorrect as it doesn't relate to the content of the passage. Hence (d) is the correct option.

S06. Ans. (c)

Sol. In the context of the passage, option(c) will be the apt title as it relates to the content of the above passage.

S07. Ans. (d)

Sol. **Downturn** means a decline in economic, business, or other activity.

**Operose** means involving or displaying much industry or effort.

**Aeonian** means eternal; everlasting

**Abetment** means to encourage, support, or countenance by aid or approval, usually in wrongdoing

**Descent** means an act of moving downwards, dropping, or falling

**Procurement** means the action of obtaining or procuring something.

Hence **descent** has the similar meaning as **downturn**.

S08. Ans. (b)

Sol. **Persistent** means continuing to exist or occur over a prolonged period

**Merciful** means compassion or forgiveness shown towards someone whom it is within one's power to punish or harm

**Tenacious** means persisting in existence; not easily dispelled

**Intermittent** means occurring at irregular intervals; not continuous or steady.

**Relenting** means become less severe or intense.

**Yielding** means not hard or rigid.

Hence **tenacious** has similar meaning as **persistent**.

S09. Ans. (d)

Sol. **Foreclosure** means Legal process by which a lender cancels (forecloses) a borrower's right of redemption of the mortgaged property through a court order (called foreclosure order).

**Preclude** means prevent from happening; make impossible.

**Legalize** means make (something that was previously illegal) permissible by law.

**Deprive** means prevent (a person or place) from having or using something.

**Allow** means let (someone) have or do something

Hence **allow** will be the exact opposite of **foreclosure**.

S10. Ans. (c)

Sol. **Skeptical** means not easily convinced; having doubts or reservations.

**Dubious** means hesitating or doubting.

**Dissenting** means hold or express opinions that are at variance with those commonly or officially held

**Convinced** means completely certain about something.

**Cynical** means distrustful of human sincerity or integrity.

Hence **convinced** will be the exact opposite of **skeptical**.

S11. Ans. (a)

Sol. "to retain trust and credibility in this age of" is the correct phrase to make the sentence grammatically correct. If we go by the options considering their grammar syntax, only option (I) fits into the sentence perfectly adding the required meaning to the sentence. Moreover, "in this age of anonymous communication" is the correct phrase usage which means "in this distinct period of anonymous communication". Hence (a) is the correct option.

S12. Ans. (d)

Sol. "Is it possible for" is the correct phrase to make the sentence grammatically correct. In the given sentence, the phrase "How it is" is incorrect as the sentence is Interrogative. Thus the correct phrase should be "How is it possible for." It is to be noticed that the sentence is in Simple Present Tense. Thus both (I) and (III) are the correct phrases that may replace the phrase given in bold to make the sentence grammatically correct. Hence (d) is the correct option.

S13. Ans. (e)

Sol. The given sentence is grammatically correct as the plural verb "are" is used in accordance to its plural subjects "continuity and change". Moreover, the phrase "with each other" is used to frame a relation with the two. Hence the sentence doesn't require any correction. The three given phrases in the options make no relevant substitution to the phrase given in bold in the sentence as they do not follow the correct grammar syntax required for the sentence. Hence (e) is the correct option.

S14. Ans. (d)

Sol. "While cyberspace may have given" is the correct phrase to make the sentence grammatically correct. First of all, it is to be noted that the sentence is conditional as the second part of the sentence is dependent on the first part. When we consider options provided, option (I) can be easily eliminated as the use of "As" or "Since" is incorrect in this case ("As/Since" is generally used to express the cause of its dependent clause). Moreover, "while" is the correct usage as it means "in spite of the fact that; although". Thus both the phrases (II) and (III) provide the grammatically correct and meaningful sentences. Hence (d) is the correct option.

S15. Ans. (e)

Sol. The given sentence is grammatically correct as the sentence is not in Passive form. It clearly follows the syntax of Present Continuous Tense and the use of reflexive pronoun "itself" is correct as it is used for the subject "The Hermit Kingdom". Moreover, the three phrases given in options do not follow the correct structure required for the sentence to make it grammatically correct. Hence (e) is the correct option.

S16. Ans. (b)

Sol. "have come down with the increased" is the correct phrase to make the sentence grammatically correct as the sentence is in Present Tense. It is to be noticed that the speed of trucks can't be decreased as it is clearly mentioned that the highways have become clutter-free. Thus the options (I) and (III) can be easily eliminated. Also, the phrasal verb "come down" means collapse or be demolished. Hence (b) is the correct option.

S17. Ans. (a)

Sol. "is the most effective way of staying" is the correct phrase to make the sentence grammatically correct as the sentence is in generalized and factual form. Thus the use of "could" or "can" is incorrect in this case. Moreover, the phrases connected with the conjunction "and" should be in similar form. Thus among the given options, only option (I) has the correct grammar structure to correctly fit into the sentence. Hence (a) is the correct option.

S18. Ans. (c)

Sol. "grew up in free India bearing the names of" is the correct phrase to make the sentence grammatically correct as the sentence refers to the event related to the past. If we go by the options, options (I) and (II) are not in accordance with



correct grammar structure. Only option (III) possesses correct syntax to supplement its usage in the sentence. The phrasal verb “grew up” means became an adult. Hence (c) is the correct choice.

S19. Ans. (e)

Sol. The given sentence is grammatically correct. It is to be noted that the sentence is not conditional and thus all the given options are incorrect. Hence (e) is the correct option.

S20. Ans. (c)

Sol. “apart from various goodies being dangled” is the correct phrase to make the sentence grammatically correct. Option (II) can be easily eliminated as it lacks the correct syntax. Option (I) also fits into the sentence quite correctly as it adds similar meaning to the sentence. The phrasal verb “apart from” means in addition to; besides; as well as. Thus the phrase (I) also provides a grammatically correct sentence. Hence (c) is the correct option.

S21. Ans.(c)

Sol. **CDAB** is the correct sequence.

Sentence (E) is the one which is the odd one out.

S22. Ans.(e)

Sol. The correct sequence is **DBCA**.

Sentence E is the odd one out.

S23. Ans.(c)

Sol. CEDA is the correct choice.

Sentence (B) is odd one out and is not a part of this coherent paragraph.

S24. Ans.(a)

Sol. DBAC is the correct choice.

Sentence E is the one which is the odd one out.

S25. Ans.(c)

Sol. EDAC is the correct sequence.

Sentence B is the odd one out.

S26. Ans.(c)

Sol. ADEB is the correct sequence

Sentence C is the odd one out.

S27. Ans.(a)

Sol. EBCD is the correct sequence.

Sentence A is the odd one out.

S28. Ans.(e)

Sol. ABCD is the correct sequence.

Sentence E is the odd one out.

S29. Ans.(a)

Sol. DCAE is the correct sequence

Sentence B is the odd one out.

S30. Ans.(a)

Sol. ACDE is the correct sequence.

Sentence B is the odd one out.

**IBPS PO PRE (quantitative aptitude) Memory Based paper held on 7\_Oct\_2017**

**Note :** There were 4 shifts on 7 Oct. In Some shifts 5 questions on quadratic were asked in place of 5 series.

**Directions (36-41):** Given below is the table which shows the total students in 4 different schools and percentage of students participating in Dance and Play in 4 different classes.

Classes	Total Students	% of students participating	
		Dance	Play
VI	500	15	8
VII	400	10	6
VIII	360	25	10
IX	250	10	12

Q36. What is the ratio of students participating in Dance from Class VII and IX together to the students participating in Play from class VI and VIII together?

- (a) 43 : 53
- (b) 65 : 76
- (c) 44 : 57
- (d) 63 : 71
- (e) 62 : 77

Q37. What is the average of students in Play from all the classes?

- (a)  $32\frac{1}{2}$
- (b)  $34\frac{1}{2}$
- (c)  $27\frac{1}{2}$
- (d)  $35\frac{1}{2}$
- (e)  $30\frac{1}{2}$

Q38. Students who are participating in dance from class VII are what percent more or less than students who are participating in play from class IX.

- (a)  $12\frac{2}{7}\%$
- (b)  $14\frac{2}{7}\%$
- (c)  $33\frac{1}{3}\%$
- (d)  $16\frac{2}{3}\%$
- (e)  $66\frac{2}{3}\%$

Q39. What is the sum of students who do not participate in dance and play from class VI and IX together?

- (a) 720
- (b) 480
- (c) 620
- (d) 580
- (e) None of these

Q40. If 20% of students who participate in dance from class VI also participate in play then find the ratio of students from class VI who participated only in Dance to students participated only in play.

- (a) 25 : 16
- (b) 16 : 25
- (c) 19 : 20

(d) 20 : 19

(e) 15 : 11

Q41. Students participating in Dance from class VII is what percent of students participating in play from class IX.

(a)  $33\frac{1}{3}\%$

(b)  $120\frac{2}{7}\%$

(c)  $114\frac{2}{7}\%$

(d)  $133\frac{1}{3}\%$

(e)  $116\frac{2}{3}\%$

**Directions (42-46):** What should come in place of question mark (?) in the following number series?

Q42. 3, 5, 15, 45, 113, ?

(a) 190

(b) 234

(c) 293

(d) 243

(e) 208

Q43. 17, 98, 26, 89, 35, ?

(a) 78

(b) 79

(c) 80

(d) 81

(e) 82

Q44. 3240, 540, 108, 27, ?, 4.5

(a) 12

(b) 7

(c) 9

(d) 8

(e) 6

Q45. 7, 4.5, 5.5, 12, 49, ?

(a) 393

(b) 378

(c) 197

(d) 148

(e) 246

Q46. 2, 17, 89, 359, 1079, ?

(a) 2134

(b) 1081

(c) 2195

(d) 2159

(e) 1945

**Directions (42-46):** In the following questions two equations numbered (I) and (II) are given. You have to solve both equations and

**Give answer**

(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

Q42. (i)  $x^2 - 5x + 6 = 0$

(ii)  $3y^2 + 3y - 18 = 0$

Q43. (i)  $x^2 - 11x + 30 = 0$

(ii)  $y^2 + y - 20 = 0$

Q44. (i)  $2x^2 + 2x - 4 = 0$

(ii)  $y^2 - 5y + 4 = 0$

Q45. (i)  $x^2 + 6x - 16 = 0$

(ii)  $y^2 - 6y + 5 = 0$

Q46. (i)  $x^2 - 4 = 0$

(ii)  $y^2 - 9y + 20 = 0$

**Directions (47-52):** Find out of the approximate value of ? in the following questions.

Q47.  $(\sqrt{80.997} - \sqrt{25.001}) \times (\sqrt{120.90} + \sqrt{16.02}) = ?$

(a) 50

(b) 60

(c) 75

(d) 70

(e) 55

Q48.  $55.01 - 345.02 \div 22.99 = 2 \times ?$

(a) 20

(b) 25

(c) 22

(d) 15

(e) 18

Q49.  $\sqrt{3099.985} \div 62.001 + 14.001 = ?$

(a) 7

(b) 8

(c) 6

(d) 9

(e) 5

Q50.  $(111.99 \times 5) \div 14.02 = 11.002 + ?$

(a) 34

(b) 19

(c) 39

(d) 29

(e) 38

Q51.  $24.97\% \text{ of } 84.01 \div 6.995 = ?$

(a) 3

(b) 4

(c) 5

(d) 7

(e) 6

Q52.  $\left(184.002 - \frac{29}{5}\right) \times 29.99 = ?$

(a) 4950

(b) 4820

(c) 5550

(d) 5340

(e) 5260

Q53. Sum of the present ages of A, B, C and D is 76 years. After 7 years ratio of their ages is 7 : 6 : 5 : 8. What is C's present age?

(a) 14

(b) 12

- (c) 13  
(d) 8  
(e) 10
- Q54. Sum of the length of two trains A and B is 660. The ratio of the speeds of A and B is 5 : 8. Ratio between time to cross an electric pole by A and B is 4 : 3. Find the difference in the length of two trains.  
(a) 50  
(b) 60  
(c) 80  
(d) 75  
(e) 90
- Q55. A mixture of milk and water in a jar contains 28 L milk and 8 L water. X L milk and X L water are mixed to form a mixture. If 40% of the new mixture is 20 L, then find the value of X.  
(a) 7 L  
(b) 8 L  
(c) 6 L  
(d) 5 L  
(e) 9 L
- Q56. A alone can do a work in 24 days. Time taken by A in completing  $\frac{1}{3}$  of work is equal to the time taken by B in completing  $\frac{1}{2}$  of the work. In what time A and B together will complete the work?  
(a) 9 days  
(b) 10 days  
(c) 12 days  
(d)  $\frac{48}{5}$  days  
(e) 8 days
- Q57. Marked price of A is Rs. 1600 more than its cost price. When discount on A is 500 a profit of 25% is obtained. At what price should A be sold to obtain a 30% profit.  
(a) 4800  
(b) 5600  
(c) 5400  
(d) 5200  
(e) None of these
- Q58. The ratio of diameter and height of a right circular cylinder is 4 : 3. If diameter of the cylinder get reduced by 25% then its total surface area reduced to  $318.5\pi$  square meter. What is the circumference of the base of the cylinder.  
(a)  $28\pi\text{ cm}^2$   
(b)  $14\pi\text{ cm}^2$   
(c)  $35\pi\text{ cm}^2$   
(d)  $7\pi\text{ cm}^2$   
(e) None of these
- Q59. The ten's digit of a three digit number is 3. If the digits of x are interchanged and the number thus formed is 396 more than the previous one. The sum of unit digit and hundred digit is 14, then what is the number?  
(a) 480  
(b) 539  
(c) 593  
(d) 935  
(e) None of these
- Q60.  $S_1$  is a series of 4 consecutive even numbers. If the sum of reciprocal of first two numbers of  $S_1$  is  $\frac{11}{60}$ , then what is the reciprocal of third highest number of  $S_1$ ?  
(a)  $\frac{2}{13}$   
(b)  $\frac{1}{14}$   
(c)  $\frac{2}{17}$



(d)  $\frac{1}{13}$

(e) None of these

Q61. A, B and C invested in a business in the ratio 6 : 8 : 9. If B invested for a period whose numerical value is 112.5% of B's investment but A and C invested for one year. If profit of B at the end of the year is 16750 then what is the share of profit of C?

(a) 20225

(b) 22125

(c) 25225

(d) 25125

(e) 23125

Q62. A boat covers 18 km downstream in 3 hours. If speed of current is  $33\frac{1}{3}\%$  of its downstream speed. In what time will it cover a distance of 100 km upstream?

(a) 50 hour

(b) 40 hour

(c) 30 hour

(d) 60 hour

(e) 25 hour

Q63. The ratio of cost price to the selling price of an article is 5 : 6. If 20% discount is offered on marked price of the article then marked price is what percent more than cost price?

(a)  $\frac{100}{3}\%$

(b) 50%

(c) 40%

(d)  $\frac{200}{3}\%$

(e) 60%

Q64. Ramesh has 20% savings with him from his monthly salary. If expenditure on clothing is 25% of overall expenditure and his total expenditure except clothing is 3600 then find his saving.

(a) 1000

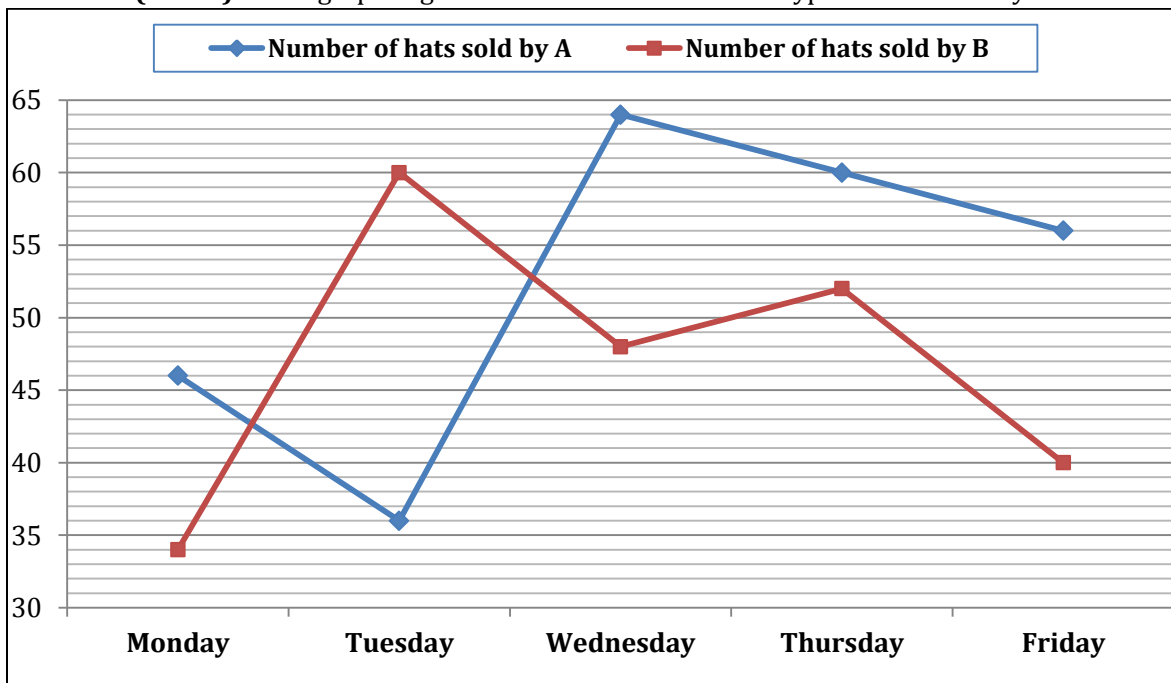
(b) 1500

(c) 1600

(d) 1200

(e) 900

**Direction (65-70):** A bar graph is given below which shows two types of hats sold by seller A and seller B on five days.



- Q65. The total number of hats sold by A and B together on Wednesday is how much percentage more than the number of hats sold by A and B together on Tuesday?
- (a)  $15\frac{2}{3}\%$
  - (b)  $8\frac{1}{3}\%$
  - (c)  $16\frac{2}{5}\%$
  - (d)  $16\frac{2}{3}\%$
  - (e)  $21\frac{3}{7}\%$
- Q66. If number of hats sold on Friday by A is increased by  $14\frac{2}{7}\%$ , then what will be the average no. of hats sold on Monday, Wednesday, and Friday by A?
- (a) 85
  - (b) 58
  - (c) 56
  - (d) 82
  - (e) 52
- Q67. Find the number of hats sold on Saturday by A and B together, if number of hats sold on Saturday is  $7\frac{1}{7}\%$  more than the hats sold on Thursday by A and B together?
- (a) 110
  - (b) 114
  - (c) 116
  - (d) 118
  - (e) 120
- Q68. What is the difference between the number of hats sold on Monday and Wednesday by B to the number of hats sold on Friday by both A & B together?
- (a) 9
  - (b) 12
  - (c) 14
  - (d) 21
  - (e) 24
- Q69. A sold 80% defective hats on Thursday and B sold 75% defective hats on the same day. Find the number of hats sold by A and B on Thursday that are not defective?
- (a) 25
  - (b) 20
  - (c) 18
  - (d) 32
  - (e) 40
- Q70. Find the ratio of number of hats sold by A on Tuesday & Friday together to number of hats sold by B on same days.
- (a) 25 : 23
  - (b) 23 : 25
  - (c) 21 : 25
  - (d) 25 : 21
  - (e) 18 : 17

**IBPS PO PRE (quantitative aptitude) Memory Based paper by ADDA247 (Solutions)**

S36. Ans.(b)

Sol.

Required ratio

$$= \frac{\frac{10}{100} \times 400 + \frac{10}{100} \times 250}{\frac{8}{100} \times 500 + \frac{10}{100} \times 360}$$

$$= 65 : 76$$

S37. Ans.(a)

Sol.

Required average

$$\frac{\frac{8}{100} \times 500 + \frac{6}{100} \times 400 + \frac{10}{100} \times 360 + \frac{12}{100} \times 250}{4}$$

$$= \frac{130}{4} = \frac{65}{2} = 32\frac{1}{2}$$

S38. Ans.(c)

Sol.

Students participating in dance from Class VII

$$= \frac{60}{100} \times 400 = 40$$

Students participating in play from class IX

$$= \frac{12}{100} \times 250 = 30$$

Required percentage

$$= \frac{10}{30} \times 100 = \frac{100}{3} \% = 33\frac{1}{3} \%$$

S39. Ans.(d)

Sol.

Students who don't participate in dance and play from class VI

$$= 500 - (15\% + 8\%) \text{ of } 500$$

$$= 500 - \frac{23}{100} \times 500$$

$$= 500 - 115$$

$$= 385$$

Students who do not participate in dance and play in class IX

$$= 250 - (10\% + 12\%) \times 250$$

$$= 250 - 55$$

$$= 195$$

Required sum = 195 + 385

$$= 580$$

S40. Ans.(a)

Sol.

Students who participate only in dance from class VI

$$= \frac{15}{100} \times 500 - \frac{20}{100} \times \frac{15}{100} \times 500$$

$$= 75 - \frac{1}{5} \times 75$$

$$= 60$$

Students who participate only in play from class VI

$$= \frac{8}{100} \times 500 - 15$$

$$= 40 - 15$$

$$= 25$$

Required ratio = 60 : 25

$$= 12 : 5$$

S41. Ans.(d)

Sol.

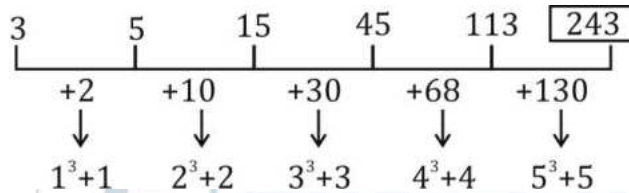
Required ratio

$$= \frac{\frac{10}{100} \times 400}{\frac{12}{100} \times 250} \times 100$$

$$= \frac{10 \times 400}{12 \times 250} \times 100 = 133\frac{1}{3}\%$$

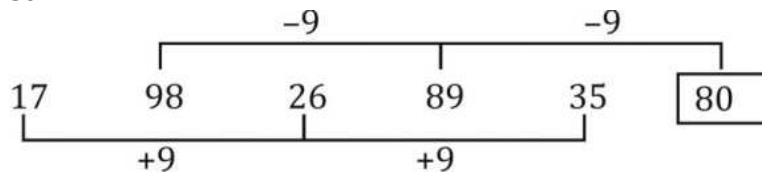
S42. Ans.(d)

Sol.



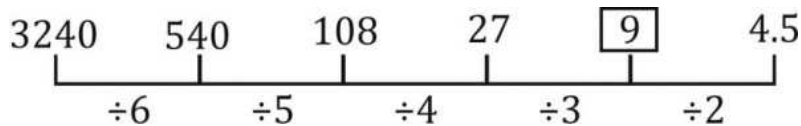
S43. Ans.(c)

Sol.



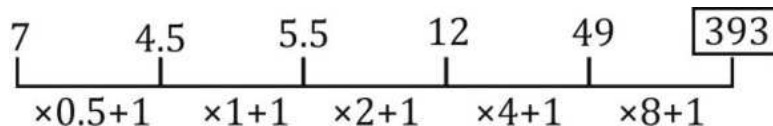
S44. Ans.(c)

Sol.



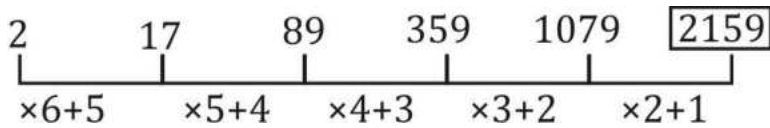
S45. Ans.(a)

Sol.



S46. Ans.(d)

Sol.



S42. Ans.(b)

Sol.

(i)  $x^2 - 3x - 2x + 6 = 0$

$$x(x - 3) - 2(x - 3) = 0$$

$$(x - 2)(x - 3) = 0$$

$$x = 2, 3$$

(ii)  $3y^2 + 3y - 18 = 0$

$$3y^2 + 9y - 6y - 18 = 0$$

$$3y(y + 3) - 6(y + 3) = 0$$

$$y = -3, 2$$

$$x \geq y$$

S43. Ans.(a)

Sol.

(i)  $x^2 - 11x + 30 = 0$

$$x^2 - 6x - 5x + 30 = 0$$

$$x(x - 6) - 5(x - 6) = 0$$

$$(x - 6)(x - 5) = 0$$

$$x = 6, 5$$

(ii)  $y^2 + y - 20 = 0$

$$y^2 + 5y - 4y - 20 = 0$$

$$y(y + 5) - 4(y + 5) = 0$$

$$(y - 4)(y + 5) = 0$$

$$y = +4, -5 ; x > y$$

S44. Ans.(d)

Sol.



$$(i) 2x^2 + 2x - 4 = 0$$

$$2x^2 + 4x - 2x - 4 = 0$$

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

$$x = -2, 1$$

$$(ii) y^2 - 5y + 4 = 0$$

$$y^2 - 4y - y + 4 = 0$$

$$y(y - 4) - 1(y - 4) = 0$$

$$y = 4, 1$$

$$x \leq y$$

S45. Ans.(e)

Sol.

$$(i) x^2 + 6x - 16 = 0$$

$$x^2 + 8x - 2x - 16 = 0$$

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

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

$$x = 2, -8$$

$$(ii) y^2 - 6y + 5 = 0$$

$$y^2 - 5y - y + 5 = 0$$

$$y(y - 5) - 1(y - 5) = 0$$

$$y = 5, 1$$

No relation can be established

S46. Ans.(c)

Sol.

$$(i) x^2 - 4 = 0$$

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

$$x = +2, -2$$

$$(ii) y^2 - 9y + 20 = 0$$

$$y^2 - 5y - 4y + 20 = 0$$

$$y(y - 5) - 4(y - 5) = 0$$

$$(y - 4)(y - 5) = 0$$

$$y = 4, 5$$

$$y > x$$

S47. Ans.(b)

Sol.

$$\approx (9 - 5) \times (11 + 4) = ?$$

$$\approx ? = 60$$

S48. Ans.(a)

Sol.

$$\approx 55 - \frac{345}{23} = 2 \times ?$$

$$\approx ? = 20$$

S49. Ans.(b)

Sol.

$$\approx \sqrt{\frac{3100}{62} + 14}$$

$$\approx \sqrt{50 + 14}$$

$$\approx 8$$

S50. Ans.(d)

Sol.

$$\approx (112 \times 5) \div 14 = 11 + ?$$

$$\approx 40 - 11 = ?$$

$$\approx ? = 29$$

S51. Ans.(a)

Sol.

$$\approx \frac{25}{100} \times \frac{84}{7} = ?$$

$$\approx ? = 3$$

S52. Ans.(d)

Sol.

$$\approx \left(184 - \frac{29}{5}\right) \times 30 = ?$$

$$\approx \left(\frac{184 \times 5 - 29}{5}\right) \times 30 = ?$$

$$\approx \frac{891}{5} \times 30$$

$$\approx ? = 5346$$

$$\approx 5340$$

S53. Ans.(c)

Sol.

At present sum of age = 76

After 7 years sum of age will be

$$7x + 6x + 5x + 8x = 76 + 7 \times 4$$

$$26x = 76 + 28$$

$$x = \frac{104}{26}$$

$$x = 4$$

$$C's \text{ present age} = 5x - 7$$

$$= 20 - 7$$

$$= 13$$

S54. Ans.(b)

Sol.

Sum of length of train = 660

$$l_1 + l_2 = 660$$

$$S_A : S_B = 5 : 8$$

Let speed be  $5x$  and  $8x$

And time taken to cross pole be  $4y, 3y$

So,

$$5x \times 4y + 8x \times 3y = 660$$

$$44xy = 660$$

$$xy = 15$$

$$l_1 - l_2 = 24xy - 20xy$$

$$= 4xy$$

$$\Rightarrow 60$$

S55. Ans.(a)

Sol.

$$40\% \text{ of new mixture} = 20L$$

$$100\% \text{ of new mixture} = \frac{20}{40} \times 100$$

$$= 50L$$

$$28 + x + 8 + x = 50$$

$$2x = 50 - 36$$

$$x = 7L$$

S56. Ans.(d)

sol.

Time taken by A in completing  $\frac{1}{3}$  of work

$$= 24 \times \frac{1}{3} = 8 \text{ days}$$

8 day = time taken by B in completing  $\frac{1}{2}$  of work

B alone will complete the work = 16 days

Required time

$$= \frac{16 \times 24}{40} = \frac{48}{5} \text{ days}$$

S57. Ans.(e)

Sol.

$$MP = 1600 + CP \quad \dots(i)$$

$$MP - 500 = \frac{125}{100} \times CP$$

$$MP = \frac{5}{4} CP + 500$$

$$4MP = 5CP + 2000 \quad \dots(ii)$$

Solving (i) and (ii)

$$CP = 4400$$

$$\text{Required selling price} = \frac{130}{100} \times 4400$$

$$= 5720$$

S58. Ans.(a)

Sol.

Let  $d=4x$  and  $h = 3x$

Total surface area of right circular cylinder is  $2\pi r(r+h)$

[Where  $r \rightarrow$  radius  
 $h \rightarrow$  height]

$$\therefore 2\pi \left[ 2x(2x + 3x) - \frac{3x}{2} \left( \frac{3x}{2} + 3x \right) \right] = 318.5\pi$$

$$2 [10x^2 - 6.75x^2] = 318.5$$

$$6.5x^2 = 318.5$$

$$x^2 = 49$$

$$x = \pm 7$$

$$\therefore \text{radius } (r) = 14$$

$$\text{height } (h) = 21$$

$\therefore$  Circumference of base of cylinder

$$= 2\pi r$$

$$= 28\pi \text{ cm}^2$$

S59. Ans.(b)

Sol.

Let digit be xyz

So,

According to question

$$y = 3$$

$$(100z - 10y - x) - (100x - 10y - z) = 396x$$

$$99z - 99x = 396$$

$$z - x = 4$$

And it is given that

$$z + x = 14 \quad \dots(ii)$$

Solving (i) & (ii)

$$z = 9$$

$$x = 5$$

so, number is = 539

S60. Ans.(b)

Sol.

Let 4 consecutive even number is

$x, x+2, x+4, x+6$

$$\frac{1}{x} + \frac{1}{x+2} = \frac{11}{60}$$

$$\frac{x+2+x}{x(x+2)} = \frac{11}{60}$$

$$\frac{2(x+1)}{x^2+2x} = \frac{11}{60}$$

$$120x + 120 = 11x^2 + 22x$$

$$11x^2 - 98x - 120 = 0$$

$$x = \frac{-24}{22}, 10$$

$$= -\frac{12}{11}, 10$$

∴ third number is 14 and **reciprocal** 3<sup>rd</sup> highest no. is  $\frac{1}{14}$ .

S61. Ans.(d)

Sol.

Profit will be shared in ratio

$$= 12 \times 6 : 8 \times \left(\frac{9}{8} \times 8\right) : 9 \times 12$$

$$= 12 \times 6 : 8 \times 9 : 9 \times 12$$

$$= 2 : 2 : 3$$

$$C's \text{ profit} = \frac{16750}{2} \times 3 = 25125$$

S62. Ans.(a)

Sol.

$$\text{Downstream speed} = \frac{18}{3} = 6 \text{ km/hr}$$

or  $x + y = 6$  (when  $x \rightarrow$  speed of boat in Still water,  $y \rightarrow$  speed of current)

$$\text{speed of current} = \frac{1}{3} \times 6 = 2 \text{ km/hr}$$

Speed of boat in still water = 4 km/hr

$$\text{Required time} = \frac{100}{(4 - 2)} = 50 \text{ hour}$$

S63. Ans.(b)

Sol

Let M.P. =  $x$

And cost price and selling price be  $5y$  and  $6y$

So,

$$80\%x = 6y$$

$$x = \frac{30y}{4}$$

$$x = 7.5y$$

$$\text{Required percentage} = \frac{7.5y - 5y}{5y} \times 100$$

$$= \frac{2.5y}{5y} \times 100$$

$$= 50\%$$

S64. Ans.(d)

Sol.

Total expenditure = 80% of salary

Expenditure excluding clothing

$$= 80\% - \frac{25}{100} \times 80\%$$

$$= 60\% \text{ of savings}$$

$$\text{Ramesh savings} = \frac{3600}{60} \times 20 = 1200 \text{ Rs}$$

S65. Ans.(d)

Sol

Total no. of hats sold on Wednesday

$$= 64 + 48 = 112$$

Total no. of hats sold on Tuesday



$$= 60 + 36 = 96$$

$$\text{Desired Percentage} = \frac{112-96}{96} \times 100$$

$$= 16\frac{2}{3}\%$$

S66. Ans.(b)

Sol.

$$\text{No. of hats sold on Friday by A after increase} = 56 \times \frac{8}{7}$$

$$= 64$$

Average no. of hats sold on Monday, Wednesday and Friday by A

$$= \frac{46 + 64 + 64}{3}$$

$$= \frac{174}{3} = 58$$

S67. Ans.(e)

Sol.

No. of hats sold on Saturday

$$= 112 \times \frac{15}{14} = 120$$

S68. Ans.(c)

Sol.

No. of hats sold on Monday & Wednesday by B

$$= 34 + 48 = 82$$

No. of hats sold on Friday by A and B together

$$= 56 + 40 = 96$$

$$\text{Desired Difference} = 96 - 82 = 14$$

S69. Ans.(a)

Sol.

Hats sold on Thursday that are not defected

$$= \frac{20}{100} \times 60 + \frac{25}{100} \times 52$$

$$12 + 13 = 25$$

S70. Ans.(b)

Sol.

No. of hats sold on Tuesday & Friday by A

$$= 36 + 56 = 92$$

No. of hats sold on Tuesday & Friday by B

$$= 60 + 40 = 100$$

$$\text{Desired Ratio} = 92 : 100 = 23 : 25$$

**IBPS PO PRE-MEMORY BASED -2017**

**Direction (1-5):** Read the following information carefully and answer the questions given below.

L, M, N, O, P, Q and R are seven employees who are working in the same company. They attend meeting in different department viz; administrative, Security, Finance and HR department on different days from Monday to Sunday but not necessarily in the same order. One employee attends only one meeting and only one meeting is held on each day. There are two employees who attend meeting in administrative, security, HR department and only one employee attends meeting in Finance department.

L attends meeting on Thursday. There are two persons who attend meeting between L and the person who attends meeting in HR department. There are three persons who attend meeting between the persons who attend meeting in Administrative department and the one who attends meeting in Finance department. The one who attends meeting in administrative department attends before the one who attends in finance department. The one who attends meeting in finance department does not attend on Saturday. The number of persons who attend meeting between L and the one who attend meeting in finance department is same as the number of persons who attend meeting between O and the one who attends meeting in security department. The one who attends meeting in security department attend before O.O does not attend meeting in HR department. Q attends meeting on the day immediately before the day on which L attends meeting. O does not attend meeting on the day just after the day on which L attends meeting. The number of persons who attend meeting between L and P is same as the number of persons who attend meeting between L and R.P attends meeting in one of the day before the day on which R attends meeting.N attends meeting in administrative department. R does not attend meeting in security department.

Q1. Who among the following person attend meeting on Friday?

- (a) O
- (b) M
- (c) P
- (d) N
- (e) R

Q2. Which of the following combinations of "Person – Day" is true with respect to the given arrangement?

- (a) R – Friday
- (b) M-Saturday
- (c) Q- Thursday
- (d) P – Friday
- (e) P – Tuesday

Q3. L attends meeting in which of the following department?

- (a) Security
- (b) HR
- (c) Administrative
- (d) Finance
- (e) Either (a) or (b)

Q4. In this arrangement, Q is related to Monday, L is related to Security then N is related to?

- (a) Thursday
- (b) Wednesday
- (c) None of the given options is true.
- (d) HR
- (e) Sunday

Q5. How many persons attend meeting between P and O?

- (a) 3
- (b) 4
- (c) 2
- (d) 1
- (e) None of these

OR

**Direction (1-5):** Read the following information carefully and answer the questions: Seven persons A, B, C, D, E, F, G like seven colours i.e. Yellow, White, Red, Orange, Blue, Grey, and Black. They visit in a mall on different days starting from Monday to Sunday.

- (i) A visits one of the day after Thursday.
- (ii) Only 4 people are in between A and B.
- (iii) The one who likes Red colour visits immediately after B.
- (iv) Only one person visits between Red and Blue.
- (v) The one who likes white colour visits before one of days on which day C visits.
- (vi) The one who likes white colour does not visit on Monday. D visits before E.
- (vii) Only 1 person is in between D and E. D likes Yellow colour.
- (viii) The number of persons who visit between A and the who likes Blue color is one less than the number of person who visit between B and C.
- (ix) Neither G nor F likes Black. Neither G nor F likes white colour.
- (x) G and E do not visit on Saturday and G doesn't like grey colour.

Q1. The one who visits just before F, likes which of the following colour?

- (a) White
- (b) Red
- (c) Orange
- (d) Blue
- (e) None of these

Q2. Who amongst the following visits on Sunday?

- (a) B
- (b) The one who likes red colour
- (c) A
- (d) None of these
- (e) The one who likes grey

Q3. Which of the following is true according to the given arrangement?

- (a) D likes white colour
- (b) F visits on Wednesday
- (c) C visits just after G
- (d) A likes grey colour
- (e) None of these

Q4. F visits on which of the following day?

- (a) Monday
- (b) Tuesday
- (c) None of these
- (d) Saturday
- (e) Sunday

Q5. A likes which of the following colour?

- (a) White
- (b) Yellow
- (c) Red
- (d) Black
- (e) None of these

**Directions (6-10):** In these questions, a relationship between different elements is shown in the statements. The statements are followed by two conclusions. Give answer

- (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.

Q(6-7): **Statements:**  $L > I = N > P$ ;  $I \geq R > K$ ;  $N \leq E < Z$

6. **Conclusions:** **I.**  $E > P$  **II.**  $R < L$

7. **Conclusions:** **I.**  $K > N$  **II.**  $I < Z$

Q(8-9): **Statements:**  $S > A = N \geq D$ ;  $A \geq L > E$ ;  $M \leq L \leq D$

8. **Conclusions:** **I.**  $S > E$  **II.**  $L < S$

9. **Conclusions:** **I.**  $A > M$  **II.**  $A = M$

Q10. **Statements:**  $P \geq V \geq R \leq E < Y$ ;  $G \geq E > N$

**Conclusions:** **I.**  $P > N$  **II.**  $G \geq Y$

**Directions (11-15):** Study the following information and answer the given questions:

A, B, C, D, E, F, G & H are eight friends and sitting around a circular table but not necessarily in same order. Some of them are facing inside and some of them are facing outside. A sits third to right of H. There is two people sits between H and B. C sits second to left of B. There is three people sits between B and E. D is second to left of F, who is not immediate neighbor of A. Immediate neighbours of H faces same direction as H. F sits third to left of A, who faces centre. The immediate neighbors of A face opposite to the direction of A.

Q11. Who is sitting third to right of F?

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

Q12. Who is facing inside?

- (a) AD
- (b) AGH
- (c) AB
- (d) ADC
- (e) None of these

Q13. Who sits opposite to H?

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

Q14. How many people are sitting between C and B, when counted from left of C?

- (a) Two
- (b) Three
- (c) One
- (d) Four
- (e) Five

Q15. Who is sitting exactly between D and C when counted from right of D?

- (a) HE
- (b) CE
- (c) FH
- (d) BF
- (e) DF

**Directions (16-20):** Study the following information carefully and answer the questions:

Ten persons are sitting in 2 parallel rows containing 5 persons in each row. In 1<sup>st</sup> row M, N, O, P and Q are seated and are facing south. In 2<sup>nd</sup> row, U, V, X, Y and Z are seated and are facing north. Therefore in the given seating arrangement, each member seated in a row faces another member of the other row. They like different colours Red, Orange, Blue, Brown, Black, White, Yellow, Pink, Peach, and Grey (not necessarily in same order).

M doesn't like brown and P likes black. Y sits third to the left of U, who likes yellow. M faces immediate neighbour of Y, who likes orange. The one who likes peach sits at extreme end. O sits second to the right of M. The one who likes red faces the one who likes pink but M doesn't like pink. Only one person sits between N and P. V and Z are immediate neighbours. Z does not face M and N, who doesn't like grey. The one who faces U likes white. The one who faces an immediate neighbour of Y likes brown.

Q16. How many persons are seated between N and the one who likes white?

- (a) None
- (b) One
- (c) Two
- (d) Three
- (e) None of these

Q17. Who amongst the following faces P?

- (a) U
- (b) The one who likes pink
- (c) X
- (d) N
- (e) The one who likes grey

- Q18. Which of the following is true regarding M?  
(a) N and X are immediate neighbours of M  
(b) M sits at one of the extreme ends of the line.  
(c) M likes black.  
(d) P sits immediate left of M  
(e) None of these
- Q19. Who amongst the following pair sits exactly in the middle of the rows?  
(a) M, Z  
(b) P, Y  
(c) None of these  
(d) U, N  
(e) M, V
- Q20. V likes which of the following colour?  
(a) Brown  
(b) Pink  
(c) Black  
(d) White  
(e) None of these

OR

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

Eight people viz. P, Q, R, S, T, U, V and W are sitting in a straight line. They all are facing north. Each one of them has a different age i.e. 8, 11, 15, 17, 21, 25, 27 and 30 year, but not necessarily in the same order. The following conditions are given below.

\* P sits one of the extreme ends of the row. There are three person sits between P and the one, who is 11 year old. R sits third to the left of the person, who is 17 year old. The person, who is 17 year old, is not immediate neighbour of the person, who is 11 year old. R is not 11 year old. P is not 17 year old.

\* Q is 15 year old. S is not the youngest person. R is older than P but his age is a not whole square number. There are as many person sits between P and R is same as the person sits between W and the person, who is 30 year old.

\* T sits immediate left of the person, who is 8 year old. Q sits third to the left of S. Youngest person sits extreme right end of the row. Persons, who sits left of W are younger than W. U is older than V. Q does not sit at extreme left end.

- Q16. Who among the following person sits extreme right end of the row?  
(a) U  
(b) P  
(c) V  
(d) Q  
(e) None of these
- Q17. How many persons are older than S?  
(a) 3  
(b) 5  
(c) 0  
(d) 6  
(e) 4
- Q18. How many persons are sits between the person, who is 25 year old and the person, who sits immediate right of U?  
(a) None  
(b) Three  
(c) Five  
(d) Six  
(e) One
- Q19. Which of the following statement is true according to the given conditions?  
(a) R sits third to the right of P.  
(b) R sits immediate left of S.  
(c) All are true  
(d) T is 17 year old.  
(e) W sits immediate right of the person, who is 15 year old.
- Q20. Who among the following persons sits extreme ends of the row?  
(a) W, The person who is 21 year old.  
(b) The person, who is 21 year old and V.  
(c) P and The person, who is 15 year old.



- (d) None of these
- (e) Q and The person, who is 8 year old.

**Direction (21-25):** In each of the questions below are given four statements followed by two conclusions numbered I & II. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

- (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 conclusion I and II are true

**Q(21-22):**

**Statements:** All remarks are feedbacks.

Some feedbacks are words.

No word is a digit.

**Q21. Conclusions:** I. Some feedbacks are definitely not digits.

II. All digits being feedbacks is a possibility.

**Q22. Conclusions:** I. All remarks being words is a possibility.

II. At least some remarks are digits.

**Q23. Statements:** Some files are boxes.

All boxes are cartons.

No carton is a plastic.

**Conclusions:** I. No file is a plastic.

II. Some files are plastics.

**Q24. Statements:** Some desks are chairs.

Some chairs are seats.

No seat is a table.

**Conclusions:** I. All desks can never be tables.

II. Some chairs are definitely not tables.

**Q25. Statements:** All routes are ways.

All ways are paths.

Some ways are bridges.

**Conclusions:** I. At least some bridges are routes.

II. All routes being bridges is a possibility.

OR

**Directions (21-25):** Study the following information to answer the given questions.

In a certain code,

'detailventyearthis' is written as 'bi gvocst'

'eventrevised ofawaited' is written as 'tm oc da pu'

'ofdetailresultsfirst' is written as 'nhmk tm gv'

'awaitedgreatyearof' is written as 'da strx tm'

**Q21.** In the given code language, what does the code 'mk' stand for?

- (a) Either 'detail' or 'year'
- (b) this
- (c) of
- (d) Either 'first' or 'results'
- (e) great

**Q22.** What is the code for 'awaited' in the given code language?

- (a) tm
- (b) rx
- (c) st
- (d) da
- (e) None of these

**Q23.** What is the code for 'event' in the given code language?

- (a) nh
- (b) oc
- (c) gv

- (d) pu  
(e) rx
- Q24. What may be the possible code for 'awaitedrevised' in the given code language?  
(a) ve be  
(b) danh  
(c) nhve  
(d) pu da  
(e) bi da
- Q25. If 'of year home' is written as 'aj tm st' in the given code language, then what is the code for 'home revised this'?  
(a) ajgvnh  
(b) puaj bi  
(c) nh bi pu  
(d) bi da aj  
(e) ajocpu
- Q26. How Many such pairs of letters are there in the word '**TRANSFER**', each of which has as many letters between them in the word as they have between them in the English alphabet?  
(a) None  
(b) One  
(c) Three  
(d) More than three  
(e) Two
- Q27. What should come in place of question mark (?) in the following series based on the above arrangement?  
**BED EIG HMJ KQM ?**  
(a) PUN  
(b) OUQ  
(c) NUQ  
(d) NUP  
(e) NUR

**Directions (28-29):** Read the following information carefully to answer the given questions.

R is the sister of Q. M is the father of R. V is the son of Q. C is the maternal grandfather of V. M does not have married daughter.

- Q28. How is R related to V?  
(a) Uncle  
(b) Aunt  
(c) Mother  
(d) Can't be determined  
(e) Nephew
- Q29. If B is married to Q, then how is B related to M?  
(a) Grandson  
(b) Son-in-law  
(c) Son  
(d) Daughter-in-law  
(e) Can't be determined

**Directions (30-32):** Read the following information carefully to answer the given questions.

A certain number of persons are seated in a row. The Row is arranged in a vertical manner and all are facing to north direction. Ranjan sits fourth from the left end of the row. There are two person sit between Ranjan and Seema. Puja sits immediate right of Seema. There are as many person sit between Puja and Seema as sit between Dinesh and Pooja. Dinesh does not sit to the left of Ranjan.

- Q30. How many person sits between Ranjan and Dinesh?  
(a) 3  
(b) None  
(c) 5  
(d) 4  
(e) 1
- Q31. What is the position of Puja with respect to Ranjan?  
(a) Immediate right  
(b) Third to the left  
(c) None of these

(d) Second to the left

(e) Fourth to the right

Q32. How many person sit in a row?

(a) 4

(b) 6

(c) 0

(d) 11

(e) 9

**Directions (33-35):** Read the following information carefully to answer the given questions.

There are six persons S, T, U, V, W and X, who got different marks in the examination. S got more marks than only U and X. T got less marks than W, who did not get the highest marks in the examination. The Second highest person got 92 marks.

Q33. How many persons got more marks than U?

(a) Four

(b) Two

(c) Five

(d) Can't be determined

(e) One

Q34. If S got 69 marks and U got 68 marks, then which of the following statement is true?

(a) X got the lower marks.

(b) U got the fifth highest marks.

(c) Five persons got more marks than X

(d) All are true

(e) X got 66 marks is a possibility.

Q35. V got which of the following possible score?

(a) 85

(b) 66

(c) 92

(d) 89

(e) 94



**IBPS PO PRE-MEMORY BASED -2017**
**Directions (1-5):**

Day	Employees	Department
Monday	M	HR
Tuesday	P	Security
Wednesday	Q	Administrative
Thursday	L	Security
Friday	N	Administrative
Saturday	R	HR
Sunday	O	Finance

S1. Ans.(d)

S2. Ans.(e)

S3. Ans.(a)

S4. Ans.(b)

S5. Ans.(b)

OR

**Direction (1-5):**

Days	Person	Colour
Monday	D	Yellow
Tuesday	B	White
Wednesday	E	Red
Thursday	G	Orange
Friday	C	Blue
Saturday	F	Grey
Sunday	A	Black

S1. Ans.(d)

S2. Ans.(c)

S3. Ans.(c)

S4. Ans.(d)

S5. Ans.(d)

**Directions (6-10):**

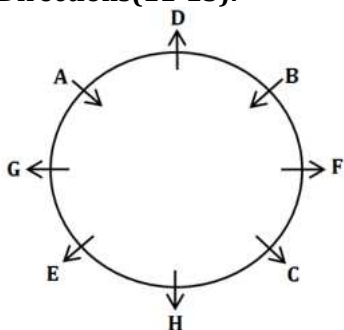
S6. Ans.(e)

S7. Ans.(b)

S8. Ans.(e)

S9. Ans.(c)

S10. Ans.(d)

**Directions(11-15):**


S11. Ans.(d)

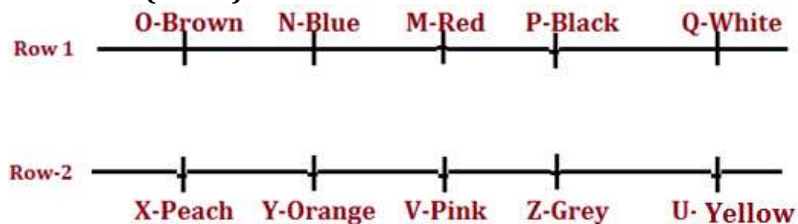
S12. Ans.(c)

S13. Ans.(b)

S14. Ans.(c)

S15. Ans.(d)

Directions (16-20):



S16.Ans.(c)

S17.Ans.(e)

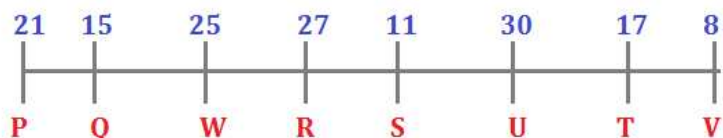
S18.Ans.(d)

S19.Ans.(e)

S20.Ans.(b)

OR

Directions (16-20):



S16. Ans.(c)

S17. Ans.(d)

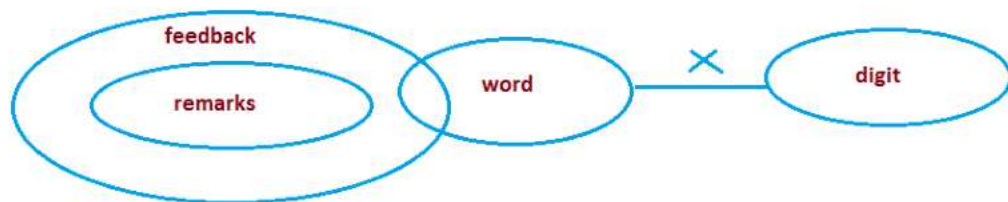
S18. Ans.(b)

S19. Ans.(c)

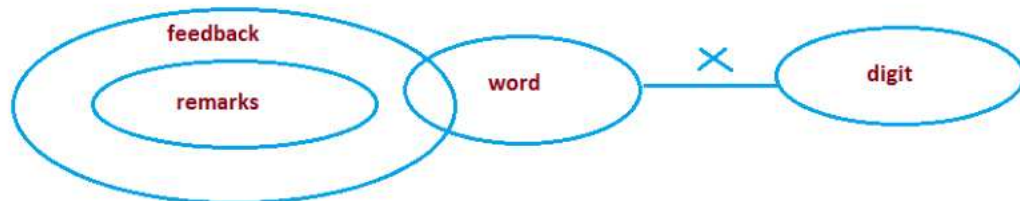
S20. Ans.(b)

Directions (21-25):

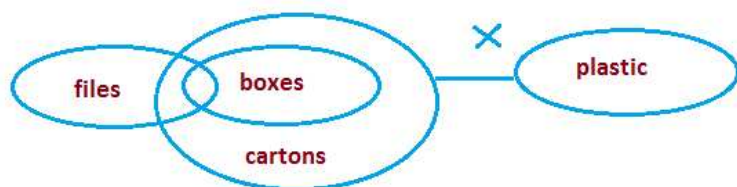
S21. Ans.(e)



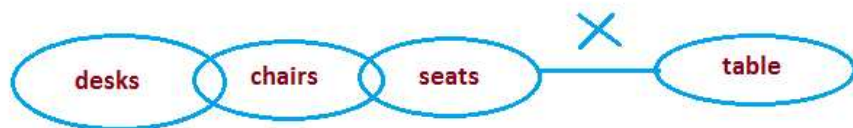
S22. Ans.(a)



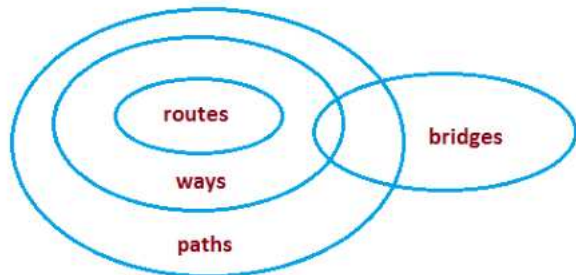
S23. Ans.(c)



S24. Ans.(b)



S25. Ans.(b)



OR

**Directions (21-25):**

Word	Code
Detail	gv
Event	oc
Year	st
Of	tm
This	bi
Awaited	da
Revised	pu
Great	rx
Results/ first	mk/nh

S21. Ans.(d)

S22. Ans.(d)

S23. Ans.(b)

S24. Ans.(d)

S25. Ans.(b)

S26. Ans.(c)

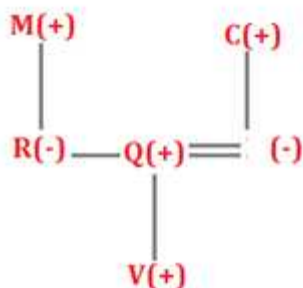
Sol. 'AE, EF, NR'

S27. Ans.(d)

Sol. 'NUP'

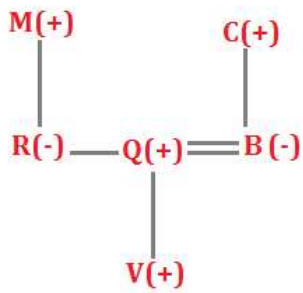
**Directions (28-29):**

S28. Ans.(b)



Sol.

S29. Ans.(d)



Sol.

Directions (30-32):



S30. Ans.(d)

S31. Ans.(e)

S32. Ans.(e)

Directions (33-35):

S33. Ans.(d)

$$V > W > T > S > U/X > X/U$$

Sol. 92

S34. Ans.(d)

$$V > W > T > S > U > X$$

92 69 68

Sol.

S35. Ans.(e)

$$V > W > T > S > U/X > X/U$$

Sol. 92