

IBPS PO Mains Previous Year Paper 2021

Direction (1-5): Read the given information carefully and answer the given questions based on it.:

Seven persons S, E, V, B, A, D and U sit in a row facing north and they all work in a company with different working experience of 15yr, 7yr, 2yr, 23yr, 19yr, 6yr and 12yr. All the information is not necessarily in the same order as given.

The persons with vowel name have experience of even number year and neither sits at the end nor at exactly middle of the row. Three persons sit between S and the one having 23yr experience. One person sits between S and A. The number of persons sits to the right of A is same as the number of persons sits to the left of the one having experience 2.5 times of A. B neither have highest year experience nor sits adjacent to S. The person having least experience sits second to the left of D. U does not have least experience. The neighbors of B have more experience than B.

Q1. What is the experience of V?

- (a) 23yr
- (b) 19yr
- (c) 15yr
- (d) 7yr
- (e) Either 19yr or 7yr

Q2. Who among the following sits fourth to the left of the one having 7yr experience?

- (a) V
- (b) A
- (c) E
- (d) D
- (e) None of these

Q3. How many persons sit to the right of the one having 1yr less experience than B?

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

Q4. Which among the following is correct combination?

- (a) E-12
- (b) V-19
- (c) A-2
- (d) U-12
- (e) D-23

Q5. Who among the following sit second from left end of the row and with how much experience?

- (a) E, 12yr
- (b) U, 12yr
- (c) B, 7yr
- (d) E, 2yr
- (e) None of these

Direction (6-7): Read the following information carefully and answer the questions based on it:

A # (12) B means A is 21m east of B

A * (03) B means A is 30m north of B

A % (24) B means A is 42m west of B

A @ (52) B means A is 25m south of B

Conditions: X # (93) Y; T * (42) U; R @ (61) Q; T # (03) S; P % (14) Q; W @ (61) X; Z * (01) Y; W % (45) U; S*(80)R

Q6. What is the shortest distance and direction of S with respect to X?

- (a) 16m, north-east
- (b) 24m, north-west,
- (c) 8m, north
- (d) 25m, north-east
- (e) None of these

Q7. Name the point which lies in a straight line?

- (a) S, R, U
- (b) Q, R, W
- (c) Y, P, Q
- (d) Y, X, R
- (e) None of these

Direction (8-12): A number arrangement machine when given an input line of numbers rearranges them following a particular rule in each step. The following is an illustration of input and rearrangement:

Input: 84629 57426 76932 27483 49853 62434

Step I: 273 84629 57426 76932 49853 62434

Step II: 53 273 84629 57426 76932 62434

Step III: 572 53 273 84629 76932 62434

Step IV: 23 572 53 273 84629 76932

Step V: 732 23 572 53 273 84629

Step VI: 2 732 23 572 53 273

Step VI is the last step of the given arrangement. Based on the given logic, rearrange the given input.

Input: 63825 49857 38679 72548 45328 95763

Q8. What is the smallest number in the penultimate step of the given input?

- (a) 32
- (b) 37
- (c) 57
- (d) 325
- (e) None of these

Q9. What is the sum of all the digits of the number which is 4th smallest in step III?

- (a) 10
- (b) 26
- (c) 35
- (d) 24
- (e) None of these

Q10. If all the numbers in step VI are arranged in ascending order from left end, then which of the following number will become 3rd from right end?

- (a) 57
- (b) 573
- (c) 532
- (d) 325
- (e) None of these

Q11. Which of the following number is second to the left of fifth number from left end in step IV?

- (a) 37
- (b) 72548
- (c) 532
- (d) 325
- (e) None of these

Q12. How many steps are required to complete the rearrangement for the given input?

- (a) Eight
- (b) Seven
- (c) Four
- (d) Five
- (e) Six

Direction (13-17): Study the given information carefully to answer the related questions:

Nine persons work in three departments i.e., operations, finance and marketing of a company. On their meeting day, they wear different color shirts i.e., white, blue, green, orange, red, black, purple, pink and violet. All the information is not necessary in the same order as given.

The persons work in operations do not wear orange and black. T works only with the one wearing green but not in marketing. R wears white and work with G but not in marketing. Only the persons wearing red and black work together in same department. B works with E and none of them wear black. A does not work in operations but wears violet. M neither works in finance nor with the one wearing red. The one wearing purple does not work in finance. G and D do not wear red and orange.

H does not work with E who does not wear blue and orange.

Q13. Which of the given combination is correct?

- (a) A- marketing
- (b) M- blue
- (c) White- operations
- (d) T- finance
- (e) E-pink

Q14. How many persons work in finance department?

- (a) Two
- (b) Three
- (c) Five
- (d) Four
- (e) Either three or four

Q15. Name the persons work in marketing department?

- (a) D, E
- (b) H, D
- (c) M, H, E
- (d) G, B
- (e) None of these

Q16. If M and the one wearing purple interchange their departments with E and G, then name the persons (with their shirt color) who will work in operations department?

- (a) G-pink, E-blue
- (b) D-green, G-pink
- (c) G-blue, E-pink
- (d) E-orange, M-red
- (e) None of these

Q17. Who among the following wears black shirt?

- (a) D
- (b) H
- (c) E
- (d) B
- (e) None of these

Direction (18-20): Read the given information carefully and answer the questions below:

1%2 means 2 is neither smaller nor greater than 1

1&2 means 2 is neither greater nor equal to 1

1*2 means 2 is neither smaller nor equal to 1

1\$2 means 2 is not greater than 1

1α2 means 2 is not smaller than 1

Q18. Statements: U\$LaK%T; W&P; D*J; W%R\$L; M*TαJ

Conclusions: I. M*W II. D&K III. J\$P

- (a) Both I and III are true
- (b) None is true
- (c) Only II is true
- (d) Only I is true
- (e) Both II and III are true

Q19. Statements: W*RaP; L%M\$R&S; W\$H%Q

Conclusions: I. M \$H II. L*Q III. P&S

- (a) Both II and III are true
- (b) Only I is true
- (c) Either I or II is true
- (d) None is true
- (e) Only III is true

Q20. Statements: P*D\$C%B\$A; H\$T&Y%D; K*UαW%P

Conclusions: I. D&U II. B*T III. H&K

- (a) Both I and II are true
- (b) Only III is true
- (c) Both II and III are true
- (d) All are true
- (e) None of these

Directions (21-22): Each question given below consists of a statement, followed by three or four arguments numbered I, II, III and IV. You have to decide which of the arguments is/are 'strong' argument(s) and which is/are 'weak' argument(s) and accordingly choose your answer from the alternatives given below each question.

Q21. Statements: Should all the indirect taxes in India be combined into a single tax on all commodities?

Arguments:

- I. Yes. This will considerably simplify the tax collection mechanism and the cost of collecting tax will also reduce.
 - II. Yes. The manufacturers and traders will be benefited by this which in turn will boost tax collection.
 - III. No. No other country has adopted such system.
- (a) None is strong
 - (b) Only I and III are strong
 - (c) Only II is strong
 - (d) Only II and III are strong
 - (e) None of these

Q22. Statements: Should trade unions be banned completely?

Arguments:

- I. Yes. Workers can concentrate on production.
 - II. No. This is the only way through which employees can put their demands before the management.
 - III. Yes. Employees get their illegal demands fulfilled through these unions.
 - IV. No. Trade unions are not banned in other economically advanced countries.
- (a) Only I is strong
 - (b) Only II is strong
 - (c) Only I and II are strong
 - (d) Only I, II and III are strong
 - (e) None of these

Directions (23-25): Each of the following questions below consists of a question and three statements numbered I, II and III given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read all the statements and give answer.

Q23. Six persons Q, R, T, W, X and Y go to the market on different consecutive days starts from Thursday. Who among the following goes just after T?

Statement I. Q goes two persons before R who doesn't go last. The number of persons goes before T is same as after Y.

Statement II. W does not go before Y goes two persons after R. One person goes between X and W who goes after Sunday.

Statement III. T goes before the one who goes two persons after Q. Y and W goes one after another but not on Thursday.

- (a) If the data in statement I is sufficient
- (b) If the data in statement II is sufficient
- (c) If the data in statement I and statement II are sufficient to answer the question.
- (d) If the data in all the statement I, II and III are necessary to answer the question.
- (e) If the data in statement III is sufficient

Q24. In a family of three generation there are eight members. How many married couples are there in the family?

Statement I. R is son of P. S is sibling of R and has only one son. V is grandson of Q.

Statement II. U has no siblings. W is daughter in law of U. P is sibling of T.

Statement III. Q is sister-in-law of T has no siblings. U is brother-in-law of R.

- (a) If the data in statement I is sufficient
- (b) If the data in statement II is sufficient
- (c) If the data in statement II and statement III are sufficient to answer the question.
- (d) If the data in all the statement I, II and III are necessary to answer the question.
- (e) If the data in statement III is sufficient

Q25. Eight persons have different heights and they are standing in a row according to their heights in descending order. Who among the following is the tallest?

Statement I. Two persons stand between H and F. The number of persons stands before A is one more than the number of persons stands after E.

Statement II. E is not the shortest among all the persons. More than three persons are taller than E. C is taller than F.

Statement III. Only two persons are taller than A. A is just taller than D. Two persons stand between E and D. E is not the tallest person. G is taller than D but not just taller than A.

- (a) If the data in statement I is sufficient
- (b) If the data in statement II is sufficient
- (c) If the data in statement II and statement III are sufficient to answer the question.
- (d) If the data in all the statement I, II and III are necessary to answer the question.
- (e) If the data in statement III is sufficient

Direction (26-30): Read the given information carefully and answer the questions given below:

Sixteen persons i.e. A, B, C, E, N, O, P, Q, R, S, T, U, V, W, X and Y live in two different flats i.e., Flat 1 and Flat 2 of a four-floor building such that the lowermost floor is numbered as 1 and the floor just above it is 2 and so on till the topmost floor is numbered as 4. Flat 1 is to the west of flat 2 whereas flat 1 of floor 2 is immediately above flat 1 of floor 1 and flat 2 of floor 2 is immediately above flat 2 of floor 1. There are eight married couples and each married couple live together on the same floor in the same flat. Name of the person starts with vowel are female and live on an even numbered floor. All the information is not necessarily in the same order.

A lives just above P's spouse flat. A's spouse lives in an odd numbered flat. O and Q live on the same floor. T lives to north east of U and he lives below E. Q doesn't live in the same flat as E. B who lives on an even numbered floor lives two floors above N. S lives to the south west of B but she doesn't live below N. R lives to the north of X. R is not married to A. Spouse of X lives to the east of Y. C is spouse of neither Y nor X. V and U lives in the same flat and both have same gender. W's gender is same as Q's gender.

Q26. Who among the following is the wife of T?

- (a) U
- (b) P
- (c) R
- (d) S
- (e) None of these

Q27. Four of the following five are alike in a certain way and thus form a group. Which among the following does not belong to the group?

- (a) V-Y
- (b) W-X
- (c) B-E
- (d) P-S
- (e) A-B

Q28. In which of the following flat and floor does S live?

- (a) Flat 1, floor 3
- (b) Flat 2, floor 3
- (c) Flat 1, floor 4
- (d) Flat2, floor 2
- (e) Flat 1, floor 1

Q29. Which among the following statement is not true?

- (a) C lives on an even numbered floor
- (b) T is married to R
- (c) O and A live in different flat
- (d) Q and O live in the same flat
- (e) B lives on an even numbered floor

Q30. How many floors are below Q's spouse?

- (a) Same as above A
- (b) Same as below T
- (c) Same as between P and X
- (d) More than two
- (e) None of these

Direction (31-32): In the following questions, the symbols- &, @, % and \$ are used with the following meanings as illustrated below. Study the following information and answer the given questions. In each of the questions given below statements are followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements regarding commonly known facts.

A@B means "All A are B"

A&B means "Only a few A are B"

A\$B means "No A is B"

A%B means "Some A is B"

Q31. Statement: P&R%T\$Q@M

Conclusions:

- I. Some R being not Q is a possibility
 - II. All M can be T
 - III. Some T being not P is a possibility
 - IV. All P can never be R
- (a) Both III and IV
 - (b) Only I
 - (c) Both II and III
 - (d) Only IV
 - (e) Only III

Q32. Statement: F%J\$G&C@E

- I. All C can never be F
 - II. Some G is not E
 - III. All F being G is not a possibility
 - IV. Some J being E is a possibility
- (a) Both III and IV
 - (b) Only I
 - (c) Both II and III
 - (d) Only IV
 - (e) Only III

Direction (33-34): Read the following information carefully and answer the questions given below:

Two rectangular gardens are there in a society such that the smaller garden is surrounded with the larger garden. Each garden has four gates. Gates of the smaller garden are open towards outside and the gates of the larger garden are open towards inside. All the gates are in the middle of the sides of the garden. Gates of the smaller garden face the gates of the larger garden.

Note: Only gates of different garden are facing each other.

Gate U of smaller park is second to the right of T. The gate which faces T is immediate right of N. The number of gates between U and T is one less than the number of gates between P and M. M is not adjacent to N. O faces the gate which is immediate right of R. R doesn't face N. Gate O is not at the longer side of the garden. One of the gates is S.

Q33. Four of the following five are alike in a certain way and thus form a group. Which among the following does not belong to the group?

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

Q34. Which among the following gate faces N?

- (a) O
- (b) T
- (c) S
- (d) P
- (e) M

Direction (35-39): Read the following information carefully and answer the questions given below:

Twelve buildings are constructed in two parallel rows from top to bottom such that 6 buildings are there in each row. In row 1- A, B, C, D, E, and F are constructed and all face towards the east direction while in row 2- J, K, L, M, N and O are constructed and all face towards the west direction. All buildings in each row are facing each other. Each building has a different number of offices. None of the buildings has more than 28 offices and less than 5 offices.

M is constructed second to the right of the building which has 15 offices. The number of buildings towards the right of M is one less than the number of buildings towards the left of L. L has prime numbered offices. The building which faces M constructed second to the left of the building which is immediate right of D. F which has 22 offices is second from the either ends. The difference between the offices of F and L is 5. The number of buildings between D and F is same as between J and L. K which has 12 offices constructed second to the left of J. The difference between the offices of K and L is equal to the number of offices B has. C is constructed third to the right of B which doesn't face M. C has 16 offices. O has two offices less than N. N has less offices than L. The number of offices in E has a multiple of 11. E is constructed right to the building which has 18 offices. The difference between the offices of O and A is equal to M. The number of offices in J has a perfect square value. J has more offices than D. M has 15 offices less than J.

Q35. How many offices does A have?

- (a) 23
- (b) 20
- (c) 18
- (d) 5
- (e) 13

Q36. Which among the following building is second to the left of C?

- (a) B
- (b) E
- (c) A
- (d) D
- (e) None of these

Q37. Which among the following combination is correct?

- (a) A-13
- (b) O-23
- (c) D-18
- (d) L-19
- (e) J-16

Q38. Which among the following statement is true?

- (a) M has the least number of offices
- (b) A is constructed fourth to the right of E
- (c) D faces the building constructed adjacent to L
- (d) N has more offices than B
- (e) J and K are constructed adjacent to each other

Q39. Which among the following building has the maximum offices?

- (a) L
- (b) Building adjacent to D
- (c) A
- (d) The one which is constructed immediate right of F
- (e) J

Q40. We have five words given below such that one letter of each word is underlined. Find how many meaningful words can be formed by using the letters (only once) which are underlined in each given word?

I. Practice **II.** Masters **III.** Conspiracy **IV.** Theory **V.** Officials

- (a) One
- (b) Two
- (c) Three
- (d) More than three
- (e) None

Direction (41-45): Read the following information carefully and answer the questions given below:

Some students attend the lectures and they all are arranged in three parallel rows such that row1 is north of row2 and row 3 is south of row 2. Each row has 8 seats. All the students face north direction. Some seats are vacant in each row. Twelve students- Allen, Fame, Emma, Alpha, Coco, Nick, Ivory, London, Olive, Unique, Jack and Den who attend the lectures are divided into two classes i.e., class A and class B. The students whose name start with a vowel belongs to class A and the rest belong to class B. The students in class A are sitting in the alternative seats from the second seat of Row 1 when counts from the left end according to the dictionary order followed by class B students who are sitting in reverse alphabetical order. After row 1, students are sitting in row 2 then in row 3 following the same rule. All students are sitting in the alternative seats only. Now the students sit around two circular tables i.e., Table1 and Table2 and all are facing the centre. Students belong to Class A sit in table 1 and the rest of them sit in table 2.

Conditions for table 1: Allen sits opposite to the one who sits second from the left end in row 2. The one who sits right of olive in row 2 sits second to the right of Allen. Alpha doesn't sit adjacent to Olive and sit opposite to Emma.

Conditions for table 2: London sits second to the right of the one who sits adjacent to Unique. The one who sits at extreme end sit third to the left of London. Jack sits opposite to Den and doesn't sit adjacent to Nick.

Q41. Who among the following sits fourth to the left of London in rows-based arrangement?

- (a) Olive
- (b) Unique
- (c) Allen
- (d) Fame
- (e) Coco

Q42. Who among the following sits opposite to Coco in circular arrangement?

- (a) Fame
- (b) The one who sits adjacent to Nick
- (c) The one who sits at extreme end in row 2
- (d) Either (a) or (b)
- (e) None of these

Q43. The number of persons sit to the right of London in row arrangement is same as the number of persons sits between Allen and ____ in circular arrangement?

- (a) Alpha
- (b) Olive
- (c) Ivory
- (d) Emma
- (e) Both (a) and (c)

Q44. Four of the following five are alike in a certain way and thus form a group. Who among the following does not belong to the group?

- (a) Allen
- (b) Alpha
- (c) Ivory
- (d) Emma
- (e) Nick

Q45. Which among the following statement is true?

- (a) Fame doesn't sit opposite to Nick.
- (b) Allen and Olive sit in the same row
- (c) Unique sits second to the right of Olive in row 2
- (d) Den sits in row 2
- (e) Coco doesn't sit at the extreme end

Directions (46-50): Read the following passage and answer the questions given below. Some words are highlighted to help you answer some of the questions.

We are now living among history's very first "AI" generation. From the Alexas they converse with, to their robot playmates, to the YouTube wormholes they disappear into, the children and adolescents of today are born into a world increasingly powered by virtual reality and artificial intelligence (AI). AI is not only **(I) revamping** what humans can do, it is shaping our behaviors, our preferences, our perceptions of the world and of ourselves. Older people still remember life before AI and the digital world - our references, anchors and pole stars pre-date the fourth Industrial Revolution. Not so for the millions of children and adolescents who were born into it. One of the most **pressing** concerns is that not everyone can tap into the opportunities offered by this transformation. According to UNICEF and the International Telecommunication Union (ITU), as many as two-thirds of the world's children do not have access to the Internet at home.

In the old-fashioned physical world, we evolved norms and standards to protect children. For instance, there are policies and protocols for a child traveling alone as an unaccompanied minor. Parents are understandably _____ **(II)** _____ to let their children be photographed by the media, and in many countries, news outlets blur children's faces to protect them. While video gaming and chat forums offer an online space for children to socialize with their friends, multiple reports identify such virtual playgrounds as a source of child predators. Short of banning screen time entirely, parents are hard-pressed to keep tabs on just what their children are doing online, and with whom. With online homework, this has become even more difficult. Even if this is an **ancillary** consequence of the underlying business model, the damage is done - children, from a tender age through adolescence, are becoming digitally addicted.

Similarly, right when children and youth are forming their initial views of the world, they are being sucked into virtual deep space, including the universe of fake news and conspiracy theories. **(III)** Many AI toys now come pre-programmed with their own **(A) amusing** and voice, and they may provide youngsters with **(B) personality** and creative options, with some even **(C) cognitive** improved reading, social skills, and **(D) fostering** development. All this is thrown at our children just when they are starting to try to make sense of who they are and the world they live in; right when it is so important to help them understand and appreciate different perspectives, preferences, beliefs and customs, to build bridges of understanding and empathy and goodwill.

Q46. The highlighted word in part (I) of the first paragraph may or may not have been used correctly. Choose the most important word from the given options which can be used to replace the highlighted word. If no replacement is required, then choose option (e) as your answer choice.

- (a) slumping
- (b) tumbling
- (c) worsening
- (d) inflaming
- (e) No replacement required

Q47. Choose the most appropriate antonym of the word '**PRESSING**', as highlighted in the given passage.

- (a) pivotal
- (b) drastic
- (c) trivial
- (d) critical
- (e) None of these

Q48. Choose the most appropriate word from the following options to fill in the blank (II), as highlighted in the given passage.

- (a) wishing
- (b) earnest
- (c) reluctant
- (d) craving
- (e) esurient

Q49. Choose the most appropriate synonym of the word '**ANCILLARY**', as highlighted in the given passage.

- (a) subsidiary
- (b) auxiliary
- (c) adjuvant
- (d) accessory
- (e) All of these

Q50. In sentence (III) of the last paragraph, a few words have been highlighted and jumbled. You are required to choose the correct sequence of the highlighted words from the options given below.

- (a) CADB
- (b) BADC
- (c) DBAC
- (d) ABDC
- (e) CBAD

Directions (51-55): Read the following passage and answer the questions given below. Some words are highlighted to help you answer some of the questions.

Tropical deforestation is one of the great challenges facing humanity. If we don't slow it down soon, the chances of avoiding disastrous climate change, species loss and the disruption of indigenous and traditional people's cultures grow slimmer. And this rapid deceleration will be possible only if the governments, farm sectors, rural communities, businesses and civil societies of tropical forest regions devise and implement effective strategies. In the long term, the goal of taming deforestation must be embedded in public policies, programs, business transactions and culture. To put it bluntly, political leaders who **embrace** the goal of taming deforestation must be electable. The jurisdictional approach can help to translate unilateral corporate deforestation pledges into collaborative agreements with local governments and farm sectors, building the political case for slowing deforestation.

In a jurisdictional approach, the unit of performance is a landscape with policy-relevant boundaries – political geographies such as a state, province, district or an entire nation. This is the unit of performance that can effectively bring together multi-stakeholders on the appropriate pathway to sustainable development. In Brazil – a shining example of a successful jurisdictional approach to slow tropical deforestation – progress has been possible because political forces were pushing in the right direction. The approach was jurisdictional because success was defined as a decline in deforestation for the entire Brazilian Amazon region and for all types of land use. The Government used command-and-control measures to slow deforestation, but it also broadened its political base by paving its all-weather motorways providing access to Pacific markets. It also attracted new low-carbon industries to set up shop through innovative incentive systems.

The stage is also set to attract private financial investments into new low-carbon industries and farmer support programs as the risks associated with rampant deforestation, illegal land-use practices and labor infractions are diminished. In many ways, a political case for slowing Amazon deforestation was handed to President Lula on a silver platter. He came into office in 2003 with a mandate to deepen Brazil's international credibility just as Amazon deforestation was skyrocketing, triggering international **outrage** and a diplomatic headache for the new president. It was in this favorable political context that Lula empowered his environment minister to draw on the most powerful branches of the government – including the army and central bank – to crack down on illegal deforestation and logging in the Amazon. These formal designations further weakened the land-grabbing schemes that were driving deforestation.

Q51. What consequence did the use of command-and-control mechanisms by the government have?

- (a) It resulted in environmental protection by halting deforestation.
- (b) It contributed to the establishment of new low-carbon industries.
- (c) It successfully brought individuals together on the correct course.
- (d) Only (a) and (b)
- (e) Only (b) and (c)

Q52. Choose the most appropriate antonym of the word '**EMBRACE**', as highlighted in the given passage.

- (a) enclasp
- (b) repudiate
- (c) espouse
- (d) underpin
- (e) stimulate

Q53. What will be the repercussions if tropical deforestation continues unabated?

- (a) Unrestrained deforestation will eventually result in the extinction of species.
- (b) Climate change will have a high probability of being catastrophic.
- (c) There will be a breakdown in traditional cultures and people.
- (d) Only (a) and (c)
- (e) All of these

Q54. Choose the most appropriate synonym of the word '**OUTRAGE**', as highlighted in the given passage.

- (a) reconcile
- (b) indignation
- (c) propitiate
- (d) appease
- (e) conciliate

Q55. What role will private financial investments in innovative low-carbon industries play in maintaining the ecological balance?

- (a) It aids in reducing the dangers associated with massive deforestation.
- (b) It facilitates the reduction of unlawful land-use operations.
- (c) It contributes to the reduction of international indignation.
- (d) Only (a) and (b)
- (e) Only (a) and (c)

Directions (56-59): In each of the following questions, a sentence with four highlighted words has been given. One of these highlighted words may or may not have been used unnecessarily in the given sentences. You are required to choose the word that is redundant and gives a superfluous meaning. If all of the highlighted words are essential for the contextual meaning of the sentence, then choose option (e) as your answer choice.

Q56. Water-conservation and water-harvesting **methods (A)** that do not require the **construction (B)** of a dam are fallacious **approaches (C)** that have not been **adequately (D)** examined in the management of water resources.

- (a) A
- (b) B
- (c) C
- (d) D
- (e) None of these

Q57. Regional **hospitals (A)** at the secondary level within the government sector are **essential (B)** in urban facilities to **ensure (C)** the needs of the population during **critical (D)** situations.

- (a) A
- (b) B
- (c) C
- (d) D
- (e) None of these

Q58. The central government has re-issued an **ordinance (A)** forming an air quality **control (B)** commission, which worries **concern (C)** about the procedure of re-issuing ordinances without getting them **ratified (D)** by the Parliament.

- (a) A
- (b) B
- (c) C
- (d) D
- (e) None of these

Q59. The world appears to have **gleaned (A)** little from the first wave, which **culminated (B)** last year and **decimated (C)** the country, while a more **ferocious (C)** second wave is ravaging the country.

- (a) A
- (b) B
- (c) C
- (d) D
- (e) None of these

Directions (60-63): In each of the following questions, a contextually meaningful sentence has been given. Three paragraphs have been placed next to each sentence, which may or may not be relevant to the context of the given sentence. You are required to select the most appropriate combination of paragraphs from which the given sentence can be inferred.

Q60. The reasonable path is to enable both economic output and rapid health response, as evidenced by the rate of infection spread.

(i) His address to the nation, delivered amid a roaring storm of viral outbreaks, was intended to reinforce the message about the commitment of the government to reversing economic decline and expanding healthcare services.

(ii) To be clear, the fact that this was formerly the case does not imply that government control of educational institutions must presently be maintained. However, the circumstances that existed at the time the government passed its first endowment statute have not changed significantly.

(iii) Regulatory reform proponents often point to the state's attitude to other activities. However, an examination of the associated laws reveals that the government also has significant supervisory responsibility for the management of educational properties.

- (a) Only (i)
- (b) Only (i) and (iii)
- (c) Only (iii)
- (d) Only (i) and (ii)
- (e) Only (ii) and (iii)

Q61. There have been no further guidelines created to describe these concepts or specify their constituents in order to assist the appointments.

(i) Various qualifications and constitutional provisions for the freedom of conscience and the right to freely proclaim and disseminate religious practice according to public order were established with these objectives in mind.

(ii) Recruiting agencies are required by the Court and the Model Police Act to shortlist candidates based on length of service, range of experience, and a performance evaluation of the candidates over the previous ten years.

(iii) Reforms in this area must include two elements. The first is that the government's selection and dismissal powers should be delegated to an independent oversight body, of which the government is a component.

- (a) Only (iii)
- (b) Only (i) and (iii)
- (c) Only (ii)
- (d) Only (i) and (ii)
- (e) Only (ii) and (iii)

Q62. Following a supply outage, oxygen levels in numerous hospitals in the city fell to dangerously low levels. After a massive intervention, supplies were restored by late evening.

(i) According to the Indian Council of Medical Research, only a small percentage of those who were vaccinated tested positive. These outbreaks of illness did not, however, call into question the efficacy of immunization as the vaccines clearly protect against disease.

(ii) Hospitals in the city may soon face oxygen shortages as well. The Centre has a control team that will settle disagreements between states over oxygen delivery. To enable the smooth passing of oxygen trucks, green corridors have been established.

(iii) After a leak in a medical oxygen tank disrupted the availability at a hospital, several patients on life support suffocated. According to the State Health Minister, the leak was caused by a valve malfunction, and a high-level investigation has been ordered.

(a) Only (iii)

(b) Only (i) and (iii)

(c) Only (i) and (ii)

(d) Only (ii)

(e) Only (ii) and (iii)

Q63. It has been brought to our attention that, despite the summer break, several private schools continue to use the regular online learning approach.

(i) Farmers in Punjab and Haryana have begun receiving the minimum support price payment directly in their bank accounts for the first time under the Direct Benefit Transfer Scheme, with wheat harvesting in full swing.

(ii) The World Press Freedom Index has placed India in 142nd place out of 180 countries. This is despite the fact that an index monitoring cell worked for a year under the guidance of the Cabinet Secretary to enhance the ranks.

(iii) Considering many private schools are continuing online classes despite the decree declaring summer break, the Directorate issued a circular stating that all online learning activities must be discontinued during the summer vacation.

(a) Only (iii)

(b) Only (i) and (iii)

(c) Only (i) and (ii)

(d) Only (ii) and (iii)

(e) (c) Only (ii)

Directions (64-67): In the following question, two separate sentences with a few highlighted words have been given. Answer the questions, based on the given sentences.

Q64. The highlighted words in the given sentences may or may not have been used in the correct sequence. You are required to choose the correct sequence of words to form meaningful sentences.

(A) The first wave of the pandemic **attempts (A)** the world **revealed (B)** the vulnerabilities in the **global (C)** healthcare system.

(B) Hospitals have been **replenish (D)** for nearly a year, and no **throughout (E)** have been made to **swamped (F)** medical oxygen supplies.

(a) BCEFDA

(b) FBECAD

(c) EFBDAC

(d) EBCFAD

(e) CFEDBA

Q65. You are required to choose the most appropriate connector from the given options which can be used to connect both sentences to form a coherent paragraph.

- (a) even
- (b) yet
- (c) since
- (d) then
- (e) for

Q66. The highlighted words in the given sentences may or may not have been used in the correct sequence. You are required to choose the correct sequence of words to form meaningful sentences.

(A) There has been a **achieving (A)** of headlines this week in the build-up **structured (B)** by the US regarding whether India should **sector (C)** a net-zero emissions target.

(B) Decarbonizing the power **declare (D)**, which is India's single largest source of greenhouse gas **emissions (E)**, is a critical step towards **rush (F)** net-zero emissions.

- (a) FBDCEA
- (b) BDFEAC
- (c) DBFACE
- (d) CBFEDAD
- (e) FDBECA

Q67. You are required to choose the most appropriate connector from the given options which can be used to connect both sentences to form a coherent paragraph.

- (a) despite
- (b) although
- (c) however
- (d) consequently
- (e) moreover

Directions (68-71): In the following paragraph, a few phrases have been highlighted, each of which has been numbered. These highlighted phrases may or may not have been used correctly in terms of contextual meaning and grammatical accuracy. Select the most appropriate phrase from the given options to replace the incorrect one. Choose option (e) as your answer choice if the highlighted phrases are grammatically correct and don't need to be replaced.

Enhancing the efficiency of electricity use **are an important complement (68)** to decarbonizing the electricity supply. Growing urbanization and uptake of electricity services **offer a good opportunity to (69)** shape energy consumption within buildings through proactive measures. Cooling needs are expected **to increase rapid with rising (70)** incomes and temperatures. Air conditioners, fans and refrigerators together consume about 60% of the electricity in households. Today, the average fan sold in the **market consumes more than twice (71)** what an efficient fan does, and an average refrigerator is about 35% more. India can leverage this **transition to as an opportunity too (27)** become a global leader in the production of clean appliances.

Q68. (a) is an important complement
(b) are the important complement
(c) is the importance complement
(d) are an important complements
(e) No replacement required

Q69. (a) offers a good opportunity to
(b) offering good opportunity to
(c) offers good opportunity for
(d) offered good opportunity to
(e) No replacement required

Q70. (a) for increase rapidly with rising
(b) to increased rapid with rising
(c) to increase rapidly with rising
(d) to increase rapidly with risen
(e) No replacement required

Q71. (a) market consume more than twice
(b) market consumes much than twice
(c) market consumed more than twice
(d) market consume even than twice
(e) No replacement required

Q72. (a) transition to as an opportunity for
(b) transition too as an opportunity to
(c) transition to be an opportunity into
(d) transition too as an opportunity of
(e) No replacement required

Directions (73-76): A grammatically correct and contextually meaningful statement has been given in each of the following questions. Five similar sentences have been placed next to each statement, one of which is contextually similar in meaning to the one given in the question. Choose the most appropriate sentence that conveys the same meaning as the given statement.

Q73. Decision-makers must settle down to give the vaccination campaign wings by ensuring maximal industrial production in order to attain optimum distribution.

- (a) In order to achieve minimal dispersion, decision-makers must prolong the vaccination campaign's wings by promoting industrial production.
- (b) Decision-makers must stimulate steel production to broaden the wings of the vaccination campaign in order to achieve maximum diffusion.
- (c) In order to accomplish optimal vaccination coverage, decision-makers must encourage the manufacturing of medical equipment.
- (d) In order to obtain optimum dispersion, decision-makers must settle down to give the inoculation project wings by ensuring optimal industrial output.
- (e) Decision-makers must calm down to give the infection operation wings by delivering exceptional factory production in addition to enhancing diffusion.

Q74. Long before the Constitution was enacted, the competence to regulate the functioning of religious bodies was perceived as an instance of sovereignty.

(a) The failure to regulate the functioning of religious organizations was seen as an illustration of sovereignty long before the Constitution was enacted.

(b) Long before the Constitution was repealed, the power to govern the operations of religious organizations was overlooked as an example of sovereignty.

(c) Long before the Constitution was enacted, the ability to govern the functioning of religious organizations was seen as a symbol of sovereignty.

(d) Long before the Constitution was ratified, the reluctance to control the running of religious organizations was considered an example of autonomy.

(e) The power to regulate the functioning of religious organizations was hampered long before the Constitution was abrogated as an example of sovereignty.

Q75. Recent events that led to the dismissal of an officer have brought the process of appointing and replacing state officials back into the forefront.

(a) The procedure of dismissing and replacing state officials has resurfaced as a result of recent events that resulted in the removal of an officer.

(b) Recent events involving the induction of a state officer have reintroduced the procedure of dismissing and replacing state officials.

(c) Recent incidents surrounding the accession of a state officer have reintroduced the procedure of substituting and discharging state officials.

(d) As a result of recent occurrences that resulted in the expulsion of an officer, the system for terminating and removing state officials has resurfaced.

(e) The procedure of appointing and transferring state officials has resurfaced as a result of recent events that resulted in the firing of an officer.

Q76. The idea of governments monitoring the operations of religious institutions appears to be repugnant to a democratic republic on the surface.

(a) On the surface, the idea of governments overseeing religious institutions appears to be appealing to a democratic republic.

(b) On the surface, the idea of governments supervising religious institutions appears to be incompatible with a democratic republic.

(c) On the surface, the idea of governments overseeing religious institutions looks to be enticing to an autocratic nation.

(d) The idea of governments supervising religious institutions looks to be tempting to a constitutional democracy on the surface.

(e) On the surface, the idea of governments monitoring religious institutions appears to be intriguing to a constitutional democracy.

Q77. According to publicly available data, India falls short of the global average of prescriptions administered per one lakh population.

(a) According to publicly available data, India surpasses the global average of prescriptions dispensed per one lakh population.

(b) India eclipses the global average of pharmaceuticals provided per one lakh people, according to privately available data.

(c) According to publicly available data, India misses the mark of the global average of prescriptions provided per one lakh population.

(d) According to commercially existing evidence, India beats the global average of medications delivered per one lakh inhabitants.

(e) According to generally available information, India outperforms the global average of medications provided per one lakh population.

Directions (78-80): In the following questions, two columns are given containing three sentences/phrases each. In the first column, sentences/phrases are A, B and C and in the second column, the sentences/phrases are D, E and F. A sentence/phrase from the first column may or may not connect with another sentence/phrase from the second column. Each question has five options, four of which display the sequence(s) in which the sentences/phrases can be joined to form a grammatically and contextually correct sentence. Choose the appropriate option. If none of the given options forms a correct sentence after combination, mark (e), i.e. "None of these" as your answer.

Q78. COLUMN I

(A) Such a sector-by-sector approach, which can be developed for other sectors

(B) They can demonstrate concrete, yet ambitious, domestic action that sets

(C) This approach allows India to gracefully adapt its sectoral transition plans

COLUMN II

(D) and also to allow it to heighten its vows as required by the Paris Agreement.

(E) India must take internal measures to get on the road to net-zero emissions.

(F) while closing concrete actions that are less dependent on uncertain balances.

(a) Only A-E and B-D

(b) Only B-F

(c) Only A-F and B-E

(d) Only C-E

(e) None of these

Q79. COLUMN I

(A) India may even consider committing to submit plausible pathways and

(B) The European game has been thrown into turmoil by the decision taken

(C) Most of the clubs considered themselves to be public-spirited entities in

COLUMN II

(D) by authorities to disclose a confidential plan to launch The Super League.

(E) timelines to achieving net-zero emissions as part of its future pledges.

(F) this excessive use of a football team as a mere for-profit business is the crux.

(a) Only A-E and B-D

(b) Only C-E

(c) Only A-F and B-E

(d) Only B-F

(e) None of these

Q80. COLUMN I

- (A) Meaningful competition among them was seen as a meritocratic exercise
 (B) With leagues increasingly awash with hedge fund money and handouts of
 (C) The nation hoped that the central government would take corrective action

COLUMN II

- (D) outfits are answerable more to investors and owners than actual supporters.
 (E) workforce longevity is vital from the perspective of the company's credibility.
 (F) after watching and experiencing the repercussions of a medical supply crisis.

The nation hoped that the central government would take corrective action after watching and experiencing the repercussions of a medical supply crisis.

- (a) Only A-D and B-F
 (b) Only C-F
 (c) Only A-E and B-D
 (d) Only B-E
 (e) None of these

Q81. Decide the combination of which rows of table I and II are sufficient to answer the question.

If a person sold an article, which

- costs Rs. _____
- at _____% profit
- on a discount percentage of _____

Find the selling price of article.

Column I	Column II
(a)	2) T
	3) T/2
(b)	1) 100
	2) T -1

Column I	Column II
(c)	Profit earned = 8%
(d)	1) 100

- (a) a, d
 (b) b, d
 (c) a, c
 (d) b, c
 (e) Neither of combination is sufficient

Q82. Solve both equations and form a new equation in variable 'z' (reduce to lowest possible factor) using roots of equation 1 and 2 as per instructions given below.

$$1. 2 - \frac{11}{x} + \frac{9}{x^2} = 0$$

$$2. (y - 2)^2 = 2\frac{1}{4}$$

What will be new equation if roots of this are highest root of equation 1 and lowest root of equation 2.

- (a) $8z^2 - 34z - 9 = 0$
 (b) $4z^2 - 20z + 9 = 0$
 (c) $8z^2 - 20z + 9 = 0$
 (d) $4z^2 - 34z - 9 = 0$
 (e) None of these

Direction (83-84): Given below are two number series. Series I is a missing series while series II is a wrong number series which follows pattern of series I only.

1. 11, P, 181, 350, 639, 1000
2. 242, 251, 255, 280, 329, 450, 619

Q83. If 2 is added in successive terms of a series starting with the nearest prime of P, then find the 5th term of this new series

1. 67
2. 65
3. 69
4. 63
- (a) either 1 or 3
- (b) either 2 or 3
- (c) either 2 or 4
- (d) either 3 or 4
- (e) either 1 or 2

Q84. If 'y' is the wrong number of the series II, then find the value of '2y+1'.

- (a) 493
- (b) 561
- (c) 503
- (d) 511
- (e) 901

Q85. Car 'X' travels for 4 hours to reach from point A to B. Car 'Y' travels at the speed of 70 kmph to reach from point B to C in 3 hours. Distance travelled by car 'X' to cover point A to B is $\frac{1}{7}$ th more than distance travelled by car 'Y'. How much time will car 'X' takes to reach from point A to C?

- (a) 9 hours
- (b) 7.5 hours
- (c) 5 hours
- (d) 12 hours
- (e) 15 hours

Q86. If a mixture contains milk and water in the ratio of 4: 1. If 20% of mixture is taken out and same amount of milk and water are added into mixture, then difference between milk and water in final mixture becomes 72 liters. Find the initial amount of mixture.

- (a) 120 liter
- (b) 180 liter
- (c) 90 liter
- (d) 150 liter
- (e) None of these

Direction (87-91): The table given below shows the data about track record of car racing game, where 4 cars P, Q, R and S are competing to reach finishing line which is at a distance of 3000 m from their initial starting point.

1. Drift refers to over starting intentionally done by driver.
2. While calculating average speed, do not consider time taken in drift/crash.
3. Points = $50 \times \text{drifts} - 20 \times \text{crashed}$

Cars	Drift	Time to reach finishing line (in sec)	Crash
P	5	180	3
Q	7	120	5
R	6	150	4
S	8	100	6

Q87. Which car earned maximum points at the end of the race?

- (a) car Q
- (b) car R
- (c) car P
- (d) car S
- (e) car P and S

Q88. In order to gain 10 more points than car S, how many total drifts should car P have made, if car P's time and number of crashes remain same.

- (a) 5
- (b) 3
- (c) 10
- (d) 8
- (e) 7

Q89. Another car named T, makes total number of drifts same as that of car R and it still receives 0 points at the end. How many crashes must car T have suffered?

- (a) 15
- (b) 18
- (c) 21
- (d) 12
- (e) 20

Q90. Speed of car S is what percentage more than that of car Q?

- (a) 25%
- (b) $33\frac{1}{3}\%$
- (c) 50%
- (d) 20%
- (e) 15%

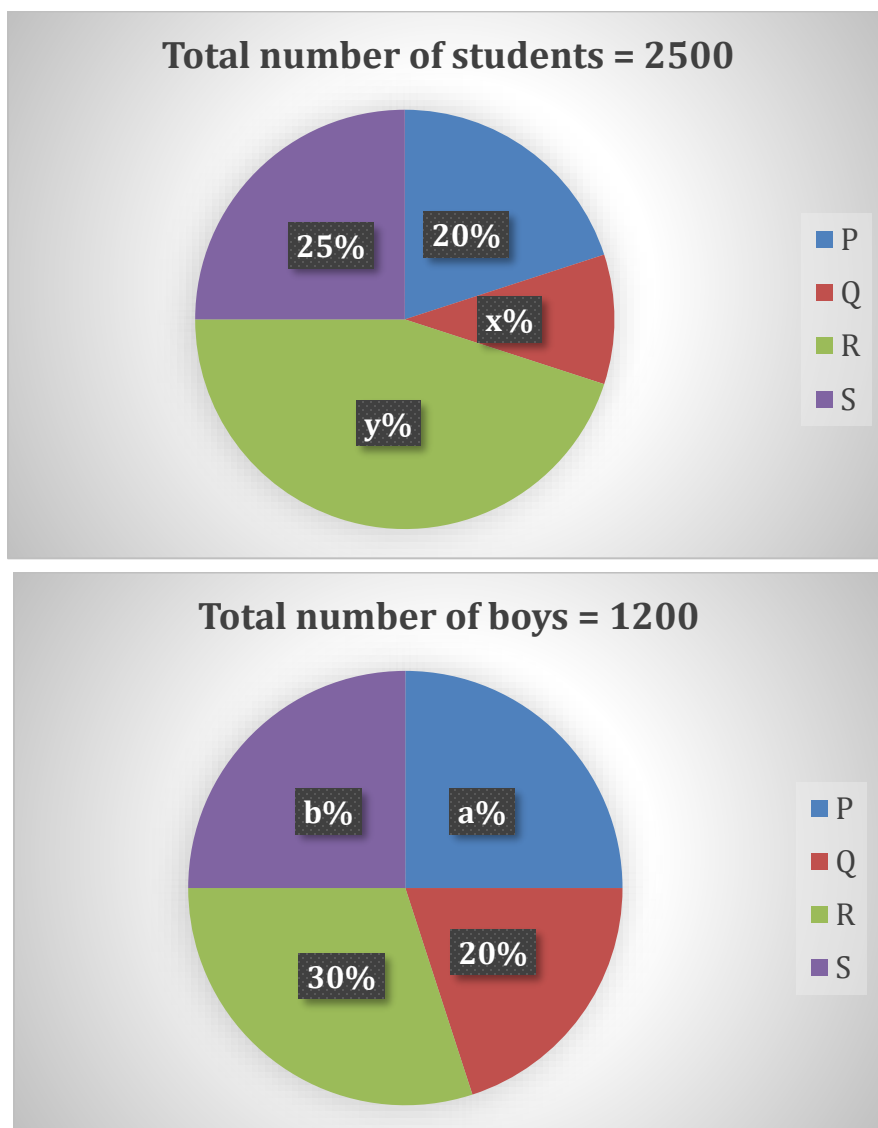
Q91. How much speed does car R need to gain in order to cover twice the distance in $\frac{5}{3}$ of the original time taken?

- (a) 16 m/s
- (b) 28 m/s
- (c) 12 m/s
- (d) 24 m/s
- (e) 10 m/s

Directions (92-96): The charts given below represents data of number of students of four colleges P, Q, R and S. Based on the information given below, answer the questions that follow:

Note: 1. Number of girls in college Q is 10.

2. Difference between number of boys and girls in college P is 100. (Number of boys is greater than number of girls).



Q92. If 10% of boys from school S scored more than 90% in an exam, then find maximum number of boys who scored less than 90%.

- (a) 240
- (b) 200
- (c) 270
- (d) 250
- (e) 220

Q93. Total number of boys in college S is what percent of number of total students in college P.

- (a) 60%
- (b) 40%
- (c) 50%
- (d) 80%
- (e) 20%

Q94. Find the difference between total number of boys in college P and R together and total number girls in college Q and S together.

- (a) 375
- (b) 425
- (c) 225
- (d) 325
- (e) 350

Q95. Which of the following is true statement?

- (a) Total number of students is least in college S
- (b) Total boys in college R is 360
- (c) Total girls in college P is 300
- (d) Difference between total number of boys in college P and that in S is 50
- (e) None of these

Q96. Find the ratio of boys in Q & R together and total girls in R & S together?

- (a) 60: 117
- (b) 60 : 103
- (c) 60 : 113
- (d) 60 : 107
- (e) 60 : 109

Direction (97-102): Read the given below table carefully and answer the following questions.

The data shows volume and height of 4 right circular tanks P, Q, R and S. The given data also depicts time taken to fill or empty the tank by inlet pipe A, B and outlet pipe C.

1. Ratio between time taken by pipe B and that by pipe C is different because pipes were used by the operator in different ways for different tanks.
2. Radius of tank S is 10.5 m.

Tank	Volume	Height	Time taken by pipe A to fill tank (in hours)	Ratio of time taken by pipe B to fill and pipe C to empty the tank
P	38808	28	10	2: 3
Q	-----	10	12	3: 2
R	5390	35	18	1: 3
S	19250	-----	-----	2: 5

Q97. How much volume (approx.) of initially empty tank P was filled in 1 hour, when all 3 pipes were opened simultaneously? (Time taken by pipe C is 30 hours)

- (a) $5235 m^3$
- (b) $4528 m^3$
- (c) $3876 m^3$
- (d) $4865 m^3$
- (e) $5743 m^3$

Q98. In tank R, pipe A was opened for 9 hours and then closed. Pipe B and C were the opened together for 3 hours and then both pipes were closed. After a total of 12 hours, approximately what volume of tank remained empty (in cubic meters), if both pipes A and C were opened together, tank will always be empty).

- (a) $775 m^3$
- (b) $840 m^3$
- (c) $900 m^3$
- (d) $1020 m^3$
- (e) $960 m^3$

Q99. Pipe B alone can fill the tank Q in 36 hours. When all the three pipes were opened for 1 hour, then volume of tank Q filled was approximately 428 cubic meter. What is the approximate radius of tank Q?

- (a) 14 m
- (b) 21 m
- (c) 12 m
- (d) 25 m
- (e) 9 m

Q100. When all 3 pipes were opened simultaneously, volume of tank S filled in 1 hour is 3575 cubic meter. Pipe B alone can fill 25% of tank S in 3.5 hours. In how much time can pipe A fill 40% of tank S alone.

- (a) 6 hours
- (b) 4.8 hours
- (c) 5.4 hours
- (d) 2.8 hours
- (e) 1.6 hours

Q101. Find respective ratio of curved surface area of tank P and total surface area of tank R.

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

Q102. Another tank Z has its height as 20% more than that of tank R and radius as 20% more than that of tank P. What is the sum of curved surface area of tank P and Z together (approximately)?

- (a) $9375 m^3$
- (b) $11548 m^3$
- (c) $8935 m^3$
- (d) $7365 m^3$
- (e) $10296 m^3$

Directions (103-105): Avni and Beena started a business by investing Rs. P and Rs.1.2P respectively. After 'x' months, Avni withdrew her entire amount and Chetna entered into business. After end of 9 months, Beena increased her initial investment by 25%. On completion of one year, share of Avni and Beena in entire profit was Rs.14200. If Beena would have increased her investment after 'x' months, then ratio of share of Avni and Beena in entire profit would have been 10: 27 respectively.

Q103. Find the value of 'x'.

- (a) 4
- (b) 6
- (c) 8
- (d) 5
- (e) 9

Q104. If ratio of their profit shares was 20: 51, then find the difference between profit shares of Avni and Beena,

- (a) Rs.4350
- (b) Rs.5120
- (c) Rs.6200
- (d) Rs.7200
- (e) Rs.6700

Q105. If a man invested Rs. 1.2P for x years on simple interest at the rate of $2.5x\%$ p.a. and received total interest of Rs. 6480, then find P?

- (a) 5400
- (b) 8000
- (c) 7200
- (d) 6000
- (e) 12000

Q106. B is 20% more efficient than A. If B was 60% more efficient than A, then B could complete the work in 18 days lesser than number of days taken by A. What fraction of work would be left after 12 days, if A and B work together?

- (a) $\frac{1}{5}$
- (b) $\frac{7}{20}$
- (c) $\frac{11}{20}$
- (d) $\frac{13}{20}$
- (e) $\frac{9}{20}$

Q107. A and B entered into a partnership and invested their respective amounts in the ratio of 2: 1. C and D entered into another partnership with initial investment ratio of 2: 1. Total investment of A and B was 25% less than that of C and D. If total profit of all 4 person at the end of year is Rs.10500, then find profit of A.

- (a) Rs.2000
- (b) Rs.1500
- (c) Rs.3000
- (d) Rs.4000
- (e) Rs.3600

Q108. Teacher distributes 'N' chocolates to '3x' students. Find the value of x.

A. If he distributes 6 chocolates to each student, then teacher left with 24 chocolates.

B. If number of students were $\frac{1}{3}$ rd of original number, then no chocolate was left with teacher.

C. $30 < \text{number of students} < 40$ and $200 < \text{number of chocolates} < 300$.

- (a) Either A & B together or B & C together
- (b) None of the given statements can answer the question
- (c) Any two of them
- (d) Either A & C or B & C together
- (e) Either A & C together or A & B together

Q109. A, B and C entered into a partnership. After eight months, B and C left the business. Find the total profit at the end of year.

A. Annual profit of B is Rs. 400 more than that of A and Rs. 200 more than that of C.

B. Amount invested by C is 50% of total amount invested by A & B together.

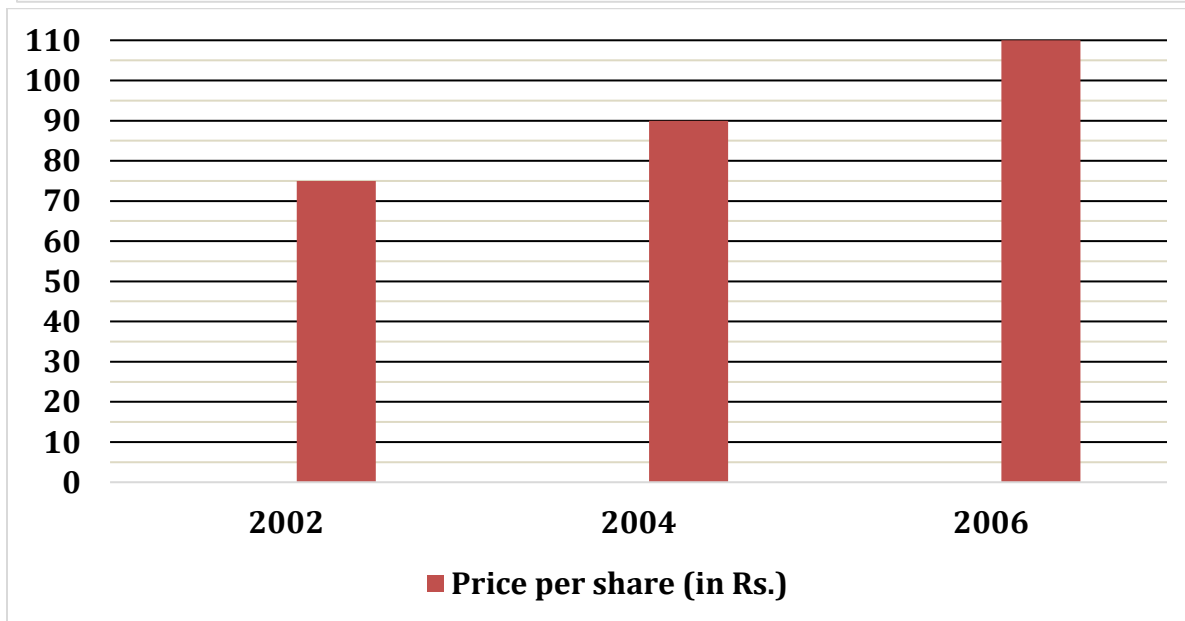
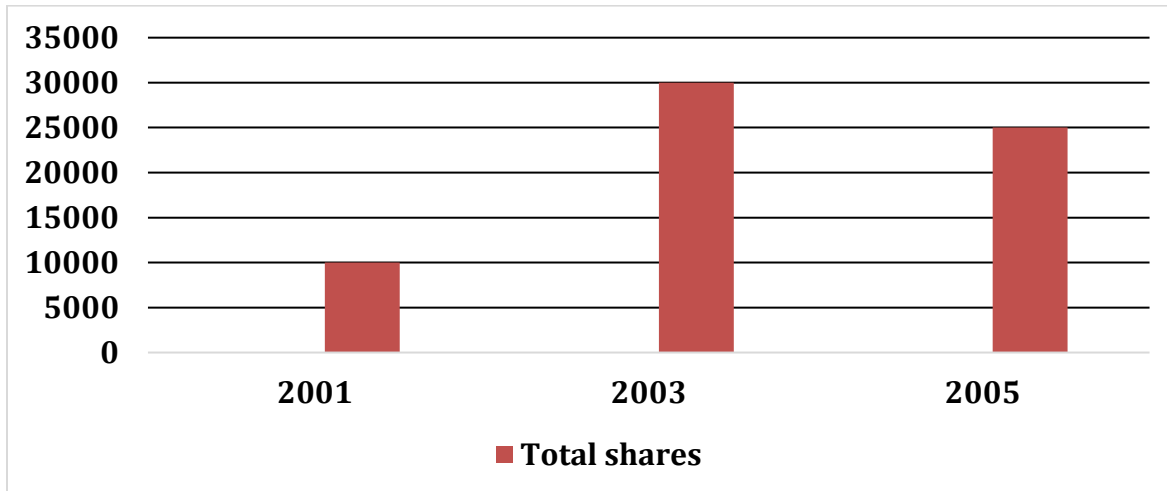
C. Ratio of profit share of C and that of A and B together is 3 : 8.

- (a) Either A & B together or B & C together
- (b) Either A & C or B & C together
- (c) Any two of them
- (d) None of the given statements can answer the question
- (e) Either A & C together or A & B together

Q110. Find the two-digit number.

- A. Sum of the squares of the two digits of the two digits number is 26.
B. The ratio between the two-digit number and the sum of the digits of that number is 5:2.
C. The digit in ten's place is 4 less than the digit in unit place.
(a) Any one of them
(b) Only A and B together are sufficient
(c) Either A and C together or B alone
(d) Only B and C together are s
(e) None of these

Direction (111 – 115): Read the data carefully and answer the questions.



Note: (i) Market value = Total number of shares $\times$ price of one share

(ii) Number of shares increased by 20% from 2001 to 2002 and price of share decreased by 5% from 2002 to 2003.

(iii) Price of share decreased by 12% from 2005 to 2006 and number of shares decreased by 10% 2005 to 2006.

Q111. In 2002, 70% of total market value received from old shareholders and rest received from new shareholders. Find the total market value received from new shareholders.

- (a) 140,000
- (b) 350,000
- (c) 27000
- (d) 270,000
- (e) 210,000

Q112. Find the ratio of total market value received in 2005 to that of in 2003.

- (a) 171 : 200
- (b) 250 : 161
- (c) 250 : 171
- (d) 171 : 250
- (e) 250 : 151

Q113. Find total market value in 2006.

- (a) 247,5000
- (b) 245,5000
- (c) 242,5000
- (d) 239,5000
- (e) 249,5000

Q114. Find the percentage of increment in total market value in 2003 over 2002?

- (a) 117.5%
- (b) 132.5%
- (c) 125.5%
- (d) 137.5%
- (e) 127.5%

Q115. If total number shares in 2004 are 1750 more than average number of shares in 2003 and 2006, then find average number of shares from 2001 to 2006.

- (a) 20250
- (b) 21250
- (c) 22250
- (d) 23250
- (e) 19250

Q116. On the occasion of second anniversary of the Prime Minister Street Vendor's AtmaNirbharNidhi (PM SVANidhi) scheme, the Housing and Urban Affairs Minister, Hardeep Singh Puri launched the 'SVANidhiMahotsav'. Identify Incorrect statement regarding the scheme-

- (i) Ministry of Housing & Urban Affairs launched a scheme PM Street Vendor's AtmaNirbharNidhi (PM SVANidhi)
 - (ii) The vendors, availing loan under the scheme, are eligible to get an interest subsidy @5%.
 - (iii) The scheme is a Central Sector Scheme
- (a) Only (i)
 - (b) Only (ii)
 - (c) Only (iii)
 - (d) Both (i) & (ii)
 - (e) Both (i) & (iii)

Q117. For Tier 2, Tier 3 and Tier 4 UCBs, while retaining the current capital adequacy framework, it has been decided to revise the minimum CRAR to _____ so as to strengthen their capital structure-

- (a) 5%
- (b) 6%
- (c) 9%
- (d) 11%
- (e) 12%

Q118. How many airports from India have found a place among the 'Best Airport by Size and Region', by the Airports Council International (ACI), in its Airport Service Quality (ASQ) survey for the year 2021?

- (a) 2
- (b) 3
- (c) 4
- (d) 5
- (e) 6

Q119. In which country, the biggest sporting event of Southeast Asia "Southeast Asian Games" was held?

- (a) Australia
- (b) New Zealand
- (c) Netherland
- (d) Vietnam
- (e) China

Q120. Who has been named as new MD and CEO of LIC Mutual Fund?

- (a) Rajendra Prasad
- (b) Brajesh Kumar Upadhyay
- (c) T S Ramakrishnan
- (d) Sanjai Kumar
- (e) Pratik Pota

Q121. The government has granted an extension of one year to Atomic Energy Commission chairman Kamlesh Nilkanth Vyas. Where is the headquarters of the Atomic Energy Commission of India is located?

- (a) New Delhi
- (b) Mumbai
- (c) Hyderabad
- (d) Bengaluru
- (e) Chennai

Q122. Which Indian cricketer has been appointed by the State Health Department as the brand ambassador for its brain health initiative to create awareness on brain health and mental health?

- (a) Rishabh Pant
- (b) Mithali Raj
- (c) Sourav Ganguly
- (d) Robin Uthappa
- (e) None of the above

Q123. Which of the following chief minister has received the renowned “President’s Colours” from Vice-President of India M. Venkaiah Naidu?

- (a) Pramod Sawant
- (b) Chandrashekar Rao
- (c) Basavaraj Somappa Bommai
- (d) Pinarayi Vijayan
- (e) M.K. Stalin

Q124. In a circular issued, the Reserve Bank of India (RBI), instructed all parties—aside from card networks and card issuers—to delete all previously stored Card-on-File (CoF) data by-

- (a) September 1, 2022
- (b) October 1, 2022
- (c) September 31, 2022
- (d) October 31, 2022
- (e) November 1, 2022

Q125. According to the RBI data on frauds reported by PSBs in all categories during FY22, the highest amount of Rs 9,528.95 crore was reported by which of the following Bank?

- (a) Canara Bank
- (b) Bank of Baroda
- (c) Punjab National Bank
- (d) Bank of India
- (e) Union Bank of India

Q126. PNB MetLife India Insurance Company has launched India's first _____ health insurance plan-

- (a) Eyes
- (b) Dental
- (c) Kidneys
- (d) Heart
- (e) Liver

Directions (127-128): India's wholesale inflation soared to a three-decade high in April as high commodity prices and supply-chain disruptions pushed up input costs for producers. The annual rate of inflation was 15.08% (Provisional) for the month of April 2022 (Y-o-Y) as compared to 10.74% in April 2021.

Q127. The base year of All-India WPI has been revised from 2004-05 to-

- (a) 2009-10
- (b) 2010-11
- (c) 2011-12
- (d) 2012-13
- (e) 2013-14

Q128. It is published by-

- (a) RBI
- (b) Ministry of Commerce and Industry
- (c) Ministry of Finance
- (d) National Statistics office
- (e) Any of the above

Q129. What is the name of the mascot that was recently launched by the Department of Consumer Affairs, Ministry of Consumer Affairs, Food & Public Distribution for Empowering Consumers, and Creating Awareness?

- (a) Jigyasa
- (b) Jagriti
- (c) Veera
- (d) Anupama
- (e) Akshita

Q130. Which bank recently launched a digital platform for opening National Pension System (NPS) accounts using mobile phones along with Pension Fund Regulatory and Development Authority?

- (a) Indian Bank
- (b) Bank of Baroda
- (c) Bank of India
- (d) Union Bank of India
- (e) Bank of Maharashtra

Q131. The BCCI is planning to start the Women's IPL by-

- (a) 2023
- (b) 2025
- (c) 2026
- (d) 2028
- (e) 2030

Q132. Union Minister for Micro, Small & Medium Enterprises (MSME), Narayan Rane has announced the establishment of MSME-Technology Centre with an outlay of _____ in Sindhudurg, Maharashtra-

- (a) Rs. 100 Crore
- (b) Rs. 200 Crore
- (c) Rs. 300 Crore
- (d) Rs. 400 Crore
- (e) Rs. 500 Crore

Q133. FIFA announced 2026 World Cup venue. It will be held in-

- (i) USA
- (ii) Canada
- (iii) Mexico
- (a) Only (i)
- (b) Only (ii)
- (c) Only (iii)
- (d) Both (i) & (ii)
- (e) All (i), (ii) & (iii)

Q134. Zomato and Jio-bp have entered into an agreement to support Zomato's commitment towards "The Climate Group's EV100 initiative of 100 per cent EV fleet by 2030." Where are the headquarters of Zomato?

- (a) Bengaluru
- (b) New Delhi
- (c) Hyderabad
- (d) Gurugram
- (e) Bhopal

Q135. As per Knight Frank's latest edition of The Wealth Report 2022, what is the rank of India in terms of most number of billionaires' population globally in 2021?

- (a) 1st
- (b) 2nd
- (c) 3rd
- (d) 4th
- (e) 5th

Q136. The National Safety Day (NSD) is celebrated every year on the _____ to commemorate the foundation of the National Safety Council (NSC) of India.

- (a) March 2
- (b) March 3
- (c) March 4
- (d) March 5
- (e) March 6

Q137. Indian boxers Nikhat Zareen (52kg) and Nitu (48kg) has won gold medals at the 73rd Strandja Memorial Boxing Tournament. It was held in which of the country?

- (a) Poland
- (b) Bulgaria
- (c) Ireland
- (d) Croatia
- (e) None of the above

Q138. “Leaders, Politicians, Citizens: Fifty Figures Who Influenced India’s Politics” has been authored by-

- (a) Rajesh Talwar
- (b) Geetanjali Shree
- (c) Ashwini Shrivastava
- (d) Harish Mehta
- (e) Rasheed Kidwai

Q139. Anshul Swami Appointed as MD & CEO of Shivalik Small Finance Bank. The minimum capital for Small Finance is prescribed at-

- (a) Rs. 100 crore
- (b) Rs. 200 crore
- (c) Rs. 300 crore
- (d) Rs. 400 crore
- (e) Rs. 500 crore

Q140. Indian Army participates in a multinational exercise “Ex Khaan Quest 2022” where 16 other countries also took part. In which country did the exercise take place?

- (a) Madagascar
- (b) Maldives
- (c) Myanmar
- (d) Mongolia
- (e) Malaysia

Q141. India has successfully executed a nuclear-capable Agni-4 ballistic missile from APJ Abdul Kalam Island in Odisha. What is the approximate strike range of the missile?

- (a) 500 Km
- (b) 1000 Km
- (c) 1500 Km
- (d) 3500 Km
- (e) 4000 Km

Q142. Which company has become the title sponsor for all matches of Board of Control for Cricket in India (BCCI)?

- (a)
- (b) Vivo
- (c) Mastercard
- (d) Oppo
- (e) Reliance

Q143. World Elephant Day is celebrated on _____ every year to raise awareness about the plight of elephants all over the world.

- (a) August 6
- (b) August 7
- (c) August 9
- (d) August 11
- (e) August 12

Q144. Securities and Exchange Board of India's advisory council on leveraging regulatory and technological solutions has been reconstituted on ALeRTS. Sunil Bajpai will now lead the seven-member panel. Expand the term "L" in ALeRTS-

- (a) Liquidity
- (b) Leveraging
- (c) List
- (d) Loan
- (e) Linkage

Q145. Pradhan Mantri Jeevan Jyoti Bima Yojana is a government-backed Life insurance scheme in India. It was originally mentioned in the year 2015 Budget speech by Finance Minister Arun Jaitley in February 2015. What is the Maximum age limit to enroll in this scheme?

- (a) 45 years
- (b) 50 years
- (c) 55 years
- (d) 60 years
- (e) 65 years

Q146. Immediate Payment Service (IMPS) public launch on

- (a) 23rd November 2010
- (b) 22nd November 2011
- (c) 22nd November 2012
- (d) 22nd November 2010
- (e) 22nd December 2010

Q147. Which tech giant announced the launch of 'Play Pass' subscription service in India that will provide Android device users access to over 1,000 applications and games without ads?

- (a) Microsoft
- (b) Dell
- (c) Tata
- (d) Google
- (e) Youtube

Q148. The Central Depository Services (India) Limited (CDSL) has become the first and only listed depository in India to register more than 60 million ____accounts.

- (a) Current
- (b) Savings
- (c) Demat
- (d) Recurring
- (e) NRI

Q149. Mohammad Sanusi Barkindo has passed away recently, He was the secretary-general of which of the following organization?

- (a) WHO
- (b) OPEC
- (c) WTO
- (d) UNICEF
- (e) IMF

Q150. The Defence ministry gave private sector banks permission to offer financial support to it for the purchase of military equipment abroad. Which of the following bank got the approval?

- (a) ICICI Bank
- (b) Axis Bank
- (c) HDFC Bank
- (d) Only a & b
- (e) All a, b & c

Q151. Former all-rounder Cricketer Andrew Symonds was killed in a car crash. He hailed from which of the following country?

- (a) USA
- (b) Germany
- (c) Sri Lanka
- (d) Australia
- (e) Serbia

Q152. Which of the following is not a feature of Indian call money market?

- (a) The call money market is highly sensitive and competitive market
- (b) Mainly the banks participate in the call money market.
- (c) Call money market provides the institutional arrangement for making the temporary surplus of some banks available to other banks which are temporary in short of funds.
- (d) The rate of interest in the call money market is highly stable.
- (e) None of the above

Q153. IRDAI and National Health Authority (NHA) will develop a National Health Claims Exchange as a digital platform to settle health claims. Where is the Headquarter of IRDAI located?

- (a) Mumbai
- (b) New Delhi
- (c) Bengaluru
- (d) Hyderabad
- (e) Noida

Q154. Children have chosen 'anxiety' as their word of the year for 2021, according to new research from Oxford University Press (OUP). What was the 2020 Oxford Children's Word of the Year?

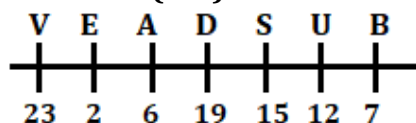
- (a) Well-being
- (b) Isolation
- (c) Coronavirus
- (d) Pandemic
- (e) Mental Health

Q155. National Institute of Mental Health and Neurosciences (NIMHANS), Bangalore, with support from which the ministry has launched the "Stree Manoraksha project"?

- (a) Ministry of Woman and Child Development
- (b) Ministry of Health and Family Welfare
- (c) Ministry of AYUSH
- (d) Ministry of Housing and Urban Affairs
- (e) None of these

Solutions

Solutions (1-5):



S1. Ans.(a)

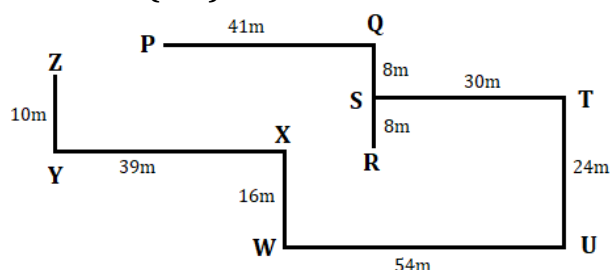
S2. Ans.(b)

S3. Ans.(c)

S4. Ans.(d)

S5. Ans.(d)

Solutions (6-7):



S6. Ans.(e)

S7. Ans.(d)

Solutions (8-12): All the numbers given in input are arranged in each step (in ascending order from left) after removing non-prime digits from it. One number is arranged in each step and every new number is placed at the left end after shifting previous numbers one place towards right.

Input: 63825 49857 38679 72548 45328 95763

Step I: 37 63825 49857 72548 45328 95763

Step II: 532 37 63825 49857 72548 95763

Step III: 57 532 37 63825 72548 95763

Step IV: 325 57 532 37 72548 95763

Step V: 725 325 57 532 37 95763

Step VI: 573 725 325 57 532 37

S8. Ans.(b)

S9. Ans.(d)

S10. Ans.(c)

S11. Ans.(c)

S12. Ans.(e)

Solutions (13-17):

Finance	Operations	Marketing
R- white	T- purple	H- red
G- blue	M- green	D- black
B- orange		
E- pink		
A- violet		

S13. Ans.(e)**S14. Ans.(c)****S15. Ans.(b)****S16. Ans.(c)****S17. Ans.(a)****Solutions (18-20):****S18. Ans.(b)****Sol. I.** M*W (false) **II.** D&K (false) **III.** J\$P (false)**S19. Ans.(e)****Sol. I.** M \$H (false) **II.** L*Q (false) **III.** P&S (true)**S20. Ans.(d)****Sol. I.** D&U (true) **II.** B*T (true) **III.** H&K (true)**S21. Ans.(e)**

Sol. Only I and II are strong. Clearly, Both I and II hold strong, as they provide very convincing reasons, for a single tax system would help get rid of multifarious taxes on a product. Besides, the idea of imitation of other countries in the implementation of a certain policy holds no relevance. So, argument III does not hold strong.

S22. Ans.(b)

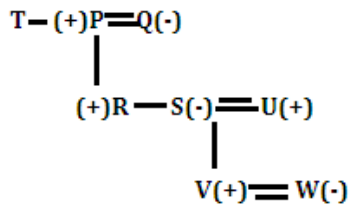
Sol. Clearly, trade unions provide a common platform for the workers to voice their demands and protests and thus ensure that they are not subdued or exploited. So, argument II holds strong, while I and III do not. Besides, the idea of imitation of other countries in the implementation of a certain policy, holds no relevance. So, argument IV also not hold strong.

S23. Ans.(c)**Sol.** Data in statement I and statement II are sufficient to answer the question.

Days	Persons
Thursday	T
Friday	Q
Saturday	X
Sunday	R
Monday	W
Tuesday	Y

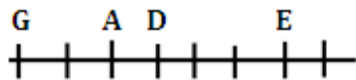
S24. Ans.(d)

Sol. Data in all the statement I, II and III are necessary to answer the question.



S25. Ans.(e)

Sol. Data in statement III is sufficient.



Solutions (26-30):

Floors	Flat-1	Flat-2
4	A, C	B, E
3	P, S	R, T
2	Q, U	O, N
1	V, Y	X, W

A(-) = C(+)

E(-) = B(+)

U(-) = Q(+)

O(-) = N(+)

S(-) = P(+)

R(-) = T(+)

V(-) = Y(+)

X(-) = W(+)

S26. Ans.(c)

S27. Ans.(e)

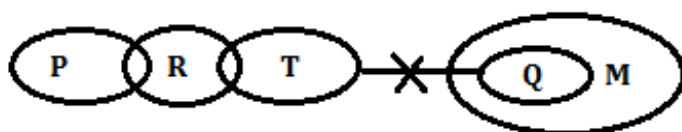
S28. Ans.(a)

S29. Ans.(d)

S30. Ans.(c)

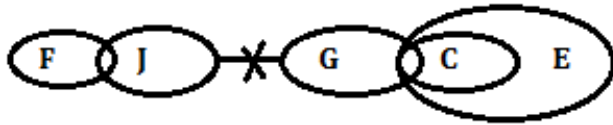
S31. Ans.(a)

Sol.

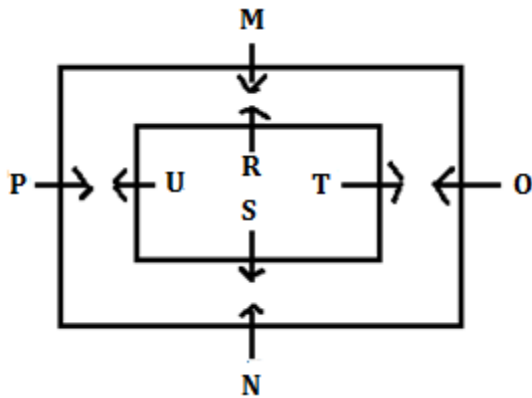


S32. Ans.(a)

Sol.



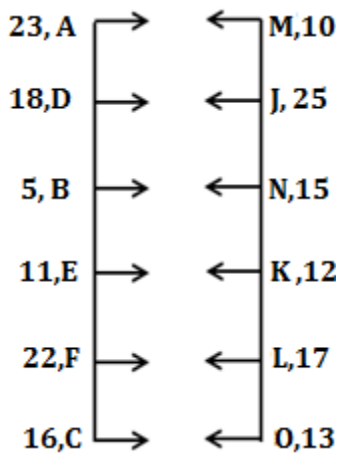
Solutions (33-34):



S33. Ans.(d)

S34. Ans.(c)

Solutions (35-39):



S35. Ans.(a)

S36. Ans.(b)

S37. Ans.(c)

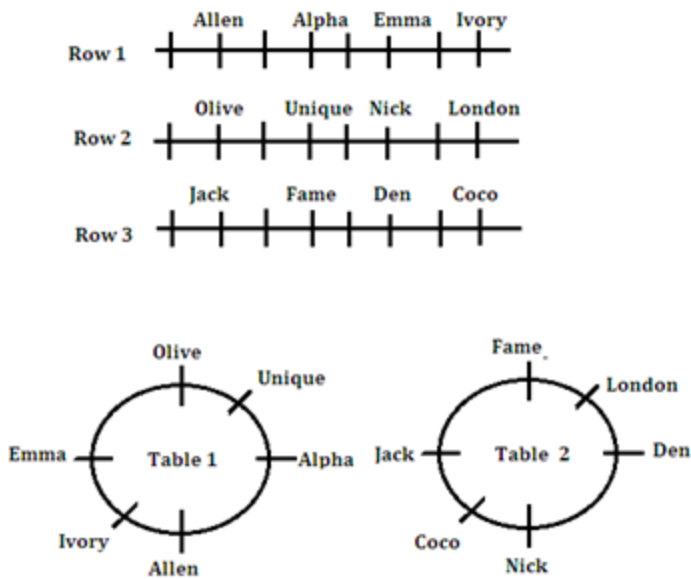
S38. Ans.(d)

S39. Ans.(e)

S40. Ans.(b)

Sol. Meaningful words formed are PAIRS, PARIS

Solutions (41-45):



S41. Ans.(b)

S42. Ans.(c)

S43. Ans.(e)

S44. Ans.(e)

S45. Ans.(c)

S46. Ans.(e)

Sol. The concerned sentence states that AI is changing not simply what people can do, but also how we behave, our preferences, and how we see the world and ourselves. Thus, the word “revamping” which means “to give a new and improved form” has been used in the most appropriate manner. Thus, no replacement is required. Also, the words given in the options are incoherent with reference to the context of the concerned sentence.

(a) slumping- to undergo a sudden severe or prolonged fall in price, value, or amount.

(b) tumbling- to fall suddenly, clumsily, or headlong.

(c) worsening- to make or become worse.

(d) inflaming- to provoke or intensify (strong feelings, especially anger) in someone.

S47. Ans.(c)

Sol. Here, “pressing” means requiring quick or immediate action or attention.

(a) pivotal- of crucial importance in relation to the development or success of something else.

(b) drastic- likely to have a strong or far-reaching effect; radical and extreme.

(c) trivial- of little value or importance.

(d) critical- having decisive or crucial importance in the success, failure, or existence of something.

S48. Ans.(c)

Sol. The concerned sentence states that parents are understandably hesitant to allow their children to be photographed by the media, and news organizations in many countries blur children's faces to protect them. Thus, we can infer that "reluctant" is the most appropriate word to fill in the given blank.

- (a) wishing- to express a strong desire for something that probably will not happen.
- (b) earnest- resulting from or showing sincere and intense conviction.
- (c) reluctant- unwilling and hesitant; disinclined.
- (d) craving- a powerful desire for something.
- (e) esurient- hungry or greedy.

S49. Ans.(e)

Sol. Here, "ancillary" means in addition to something else, but not as important.

- (a) subsidiary- less important than but related or supplementary to something.
- (b) auxiliary- providing supplementary or additional help and support.
- (c) adjuvant- one that enhances and modifies the activity of the main substance.
- (d) accessory- aiding an activity or process in a minor way; subsidiary or supplementary.

S50. Ans.(b)

Sol. Here, "amusing" should be interchanged with "personality" and "cognitive" should be replaced with "fostering" to make the given sentence contextually correct. Thus, the correct sequence of the highlighted words will be BADC.

S51. Ans.(d)

Sol. Among the given options, only (a) and (b) are correct with reference to the context of the given question. While statement (c) is completely incoherent. Refer to the last lines of the second paragraph, "The Government used command-and-control measures to slow deforestation, but it also broadened its political base by paving its all-weather motorways providing access to Pacific markets. It also attracted new low-carbon industries to set up shop through innovative incentive systems."

S52. Ans.(b)

Sol. Here, "embrace" means an act of accepting something willingly or enthusiastically.

- (a) enclasp- hold tightly in one's arms.
- (b) repudiate- refuse to accept; reject.
- (c) espouse- adopt or support (a cause, belief, or way of life).
- (d) underpin- support, justify, or form the basis for something.
- (e) stimulate- encourage or arouse interest or enthusiasm.

S53. Ans.(e)

Sol. By referring to the starting lines of the first paragraph, we can deduce that all of the given statements are correct with reference to the context of the given question. Refer to the starting lines of the first paragraph, "Tropical deforestation is one of the great challenges facing humanity. If we don't slow it down soon, the chances of avoiding disastrous climate change, species loss and the disruption of indigenous and traditional people's cultures grow slimmer."

S54. Ans.(b)

Sol. Here, "outrage" means an extremely strong reaction of anger, shock, or indignation.

(a) reconcile- restore friendly relations between.

(b) indignation- anger or annoyance provoked by what is perceived as unfair treatment.

(c) propitiate- win or regain the favor of a person by doing something that pleases them.

(d) appease- pacify or placate (someone) by acceding to their demands.

(e) conciliate- stop (someone) being angry or discontented; placate.

S55. Ans.(d)

Sol. Among the given options, only (a) and (b) are correct with reference to the context of the given question. While statement (c) is completely incoherent. Refer to the starting lines of the third paragraph, "The stage is also set to attract private financial investments into new low-carbon industries and farmer support programs as the risks associated with rampant deforestation, illegal land-use practices and labor infractions are diminished."

S56. Ans.(d)

Sol. The adjective "adequately," which means "to a satisfactory or acceptable amount," appears to have been chosen to give a redundant meaning among the highlighted terms. There will be no contextual fault in the given statement if we eliminate this term, and it will still make sense. Other words are required to construct a complete sentence.

S57. Ans.(e)

Sol. All of the highlighted words are necessary to make a coherent sentence. Thus, there is no redundant word used in the given sentence.

S58. Ans.(c)

Sol. Among the highlighted terms, the verb "concern," which means "to make someone apprehensive or worried," appears to have been added for no apparent reason, as the word "worries," which comes before it, already denotes "the state of being anxious over possible issues." As a result, if we remove this term from the statement, there will be no contextual error and it will still sound right. Other words are required to construct a complete sentence.

S59. Ans.(e)

Sol. All of the highlighted words are correct in context and are required to compose a coherent sentence. As a result, the given statement contains no superfluous words.

S60. Ans.(a)

Sol. The given sentence discusses virus transmission, economic production, and speedy health response; similarly, we can deduce that only paragraph (i) is relevant to the context of the given sentence as it also addresses economic decline and expanding healthcare services. The other paragraphs, on the other hand, are incoherent in relation to the context of the given sentence.

S61. Ans.(e)

Sol. After making an analysis of the given paragraphs, we can deduce that only paragraphs (ii) and (iii) are relevant to the context of the given sentence because they also discuss recruiting, shortlisting, selection, and dismissal, all of which are directly or indirectly related to the appointments. The other paragraph, on the other hand, is incoherent in relation to the context of the given sentence.

S62. Ans.(e)

Sol. Following a comprehensive review of the given paragraphs, we can infer that only paragraphs (ii) and (iii) are relevant to the context of the given sentence, as they also concern medical oxygen shortages, which are all specifically related to the context of the given sentence. The other paragraph, on the other hand, is incoherent in light of the context of the given sentence.

S63. Ans.(a)

Sol. The given sentence concerns the continuation of regular online classes despite the summer break; similarly, only paragraph (iii) is relevant to the context of the given sentence because it likewise covers continuing online classes despite the summer break order. The other paragraphs, on the other hand, are illogical in relation to the context of the given sentence because they cover different topics.

S64. Ans.(d)

Sol. The correct sequence of the highlighted words to form meaningful sentences would be EBCFAD. The sentences thus formed would be:

(A) The first wave of the pandemic throughout the world revealed the vulnerabilities in the global healthcare system.

(B) Hospitals have been swamped for nearly a year, and no attempts have been made to replenish medical oxygen supplies.

S65. Ans.(b)

Sol. Among the given options, “yet” is the most appropriate connector which can be used to connect both sentences to form a coherent paragraph. The sentence thus formed would be “The first wave of the pandemic throughout the world revealed the vulnerabilities in the global healthcare system, yet hospitals have been swamped for nearly a year, and no attempts have been made to replenish medical oxygen supplies.”

(a) even- used to emphasize something surprising or extreme.

(b) yet- in spite of that; nevertheless.

(c) since- for the reason that; because.

(d) then- after that; next; afterward.

(e) for- specify a period of time.

S66. Ans.(a)

Sol. The correct sequence of the highlighted words to form meaningful sentences would be FBDCEA. The sentences thus formed would be:

(A) There has been a rush of headlines this week in the build-up structured by the US regarding whether India should declare a net-zero emissions target.

(B) Decarbonizing the power sector, which is India's single largest source of greenhouse gas emissions, is a critical step towards achieving net-zero emissions.

S67. Ans.(d)

Sol. Among the given options, “consequently” is the most appropriate connector which can be used to connect both sentences to form a coherent paragraph. The sentence thus formed would be “There has been a rush of headlines this week in the build-up structured by the US regarding whether India should declare a net-zero emissions target, consequently, decarbonizing the power sector, which is India's single largest source of greenhouse gas emissions, is a critical step towards achieving net-zero emissions.”

- (a) despite- without being affected by; in spite of.
- (b) although- in spite of the fact that; even though.
- (c) however- in whatever way; regardless of how.
- (d) consequently- as a result.
- (e) moreover- as a further matter; besides.

S68. Ans.(a)

Sol. Among the given options, only the phrase given in option (a) is correct to replace the highlighted one. The concerned sentence starts with the term “enhancing” which is a gerund and always considered a singular noun, thus, it will be followed by “is” instead of “are”.

S69. Ans.(e)

Sol. The phrase highlighted in the given sentence is grammatically and contextually correct. Thus, no replacement is required.

S70. Ans.(c)

Sol. Among the given options, only the phrase given in option (c) is correct to replace the highlighted one. The highlighted phrase uses the term “rapid” which is incorrect and should be replaced with the correct form of adverb which is “rapidly”.

S71. Ans.(e)

Sol. The phrase highlighted in the given sentence is grammatically and contextually correct. Thus, no replacement is required.

S72. Ans.(b)

Sol. Among the given options, only the phrase given in option (b) is correct to replace the highlighted one. Here, the adverb “too” should come first and the preposition “to” should come after to form a grammatically correct sentence.

S73. Ans.(d)

Sol. Among the given options, only sentence (d) conveys the same meaning as the given statement. While the rest of the sentences are incoherent with reference to the context of the given statement.

S74. Ans.(c)

Sol. Only sentence (c) conveys the same meaning as the given statement among the alternatives. The rest of the sentences are incoherent in view of the context of the given statement.

S75. Ans.(e)

Sol. Among the given options, only sentence (e) conveys the same meaning as the given statement. While the rest of the sentences are incoherent with reference to the context of the given statement.

S76. Ans.(b)

Sol. Only sentence (d) conveys the same meaning as the given statement among the alternatives. The rest of the sentences are incoherent in view of the context of the given statement.

S77. Ans.(c)

Sol. Among the given options, only sentence (c) conveys the same meaning as the given statement. While the rest of the sentences are incoherent with reference to the context of the given statement.

S78. Ans.(e)

Sol. None of the given sentences can be combined to form a correct statement after combination.

S79. Ans.(a)

Sol. Among the given options, only A-E and B-D can be combined together to form grammatically correct and contextually meaningful sentences. The sentences thus formed would be:

(i) India may even consider committing to submit plausible pathways and timelines to achieving net-zero emissions as part of its future pledges.

(ii) The European game has been thrown into turmoil by the decision taken by authorities to disclose a confidential plan to launch The Super League.

S80. Ans.(b)

Sol. Among the given options, only C-F can be combined together to form a grammatically correct and contextually meaningful sentence. The sentence thus formed would be, "The nation hoped that the central government would take corrective action after watching and experiencing the repercussions of a medical supply crisis."

S81. Ans.(d)

Sol. Only from (b) and (c), selling price of article can solve.

Cost price of article = Rs.100

Profit % = 8%

So, selling price = Rs. 108

S82. Ans.(b)

Sol. From 1.

$$2 - \frac{11}{x} + \frac{9}{x^2} = 0$$

$$2x^2 - 11x + 9 = 0$$

$$2x^2 - 2x - 9x + 9 = 0$$

$$2x(x - 1) - 9(x - 1) = 0$$

$$(2x - 9)(x - 1) = 0$$

$$x = 1, \frac{9}{2}$$

From 2.

$$(y - 2)^2 = 2\frac{1}{4}$$

$$y - 2 = \pm \frac{3}{2}$$

$$y = \frac{1}{2}, \frac{7}{2}$$

$$\text{New eq.} = z^2 - sz + p = 0$$

s = sum of root, p = product of root

So, highest root of equation 1 and lowest root of equation 2 is $\frac{9}{2}$ and $\frac{1}{2}$ respectively.

$$\text{Required equation} = z^2 - 5z + \frac{9}{4} = 0$$

$$4z^2 - 20z + 9 = 0$$

S83. Ans.(a)

Sol. The pattern of the series I is:

$$11 + 7^2 = 60 = P$$

$$60 + 11^2 = 181$$

$$181 + 13^2 = 350$$

$$350 + 17^2 = 639$$

$$639 + 19^2 = 1000$$

Prime number near P = 59/61

So, 5th term of the new series = $59 + 2 + 2 + 2 + 2 = 67$

Or

$$61 + 2 + 2 + 2 + 2 = 69$$

S84. Ans.(c)

Sol. Pattern of the series II:

$$242 + 2^2 = 246$$

$$246 + 3^2 = 255$$

$$255 + 5^2 = 280$$

$$280 + 7^2 = 329$$

$$329 + 11^2 = 450$$

$$450 + 13^2 = 619$$

So, wrong no. is 251.

So, required value = $251 \times 2 + 1 = 503$

S85. Ans.(b)

Sol. Distance travelled by car Y (Distance between point B and C)

$$= 70 \times 3 = 210 \text{ km}$$

Distance travelled by car X (distance between point A and B)

$$= 210 \times \frac{8}{7} = 240 \text{ km}$$

$$\text{Speed of car X} = \frac{240}{4} = 60 \text{ kmph}$$

$$\text{Required time} = \frac{210+240}{60} = \frac{450}{60}$$

$$= 7.5 \text{ hours}$$

S86. Ans.(d)

Sol. Let total quantity of mixture be $25y$

Quantity of milk = $20y$

Quantity of water = $5y$

20% mixture taken out

So, quantity of milk after 20% mixture taken out = $16y$

Quantity of water after 20% mixture taken out = $4y$

Let quantity of milk and water added be 'x'

ATQ.

$$(16y + x) - (4y + x) = 72$$

$$16y + x - 4y - x = 72$$

$$12y = 72$$

$$y = 6$$

Initial amount of mixture = $6 \times 25 = 150 \text{ liter}$

Or

Let amount of milk and water in the mixture be $4a$ and a respectively.

ATQ

$$\left(4a - \frac{4a}{5} + a\right) - \left(a - \frac{a}{5} + a\right) = 72$$

$$\frac{21a}{5} - \frac{9a}{5} = 72$$

$$a = 30$$

So, initial amount of mixture = $5a = 150 \text{ liter}$

S87. Ans.(d)

Sol. Points of car P = $50 \times 5 - 20 \times 3 = 190$

Points of car Q = $50 \times 7 - 20 \times 5 = 250$

Points of car R = $50 \times 6 - 20 \times 4 = 220$

Point of car S = $50 \times 8 - 20 \times 6 = 280$

So, max point earned by car S.

S88. Ans.(e)

Sol. Points earned by car S = $50 \times 8 - 20 \times 6 = 280$

Let no. of drifts made by car P be N .

ATQ

Points earned by car P = $50 \times N - 20 \times 3 = 280 + 10$

$$50N = 350$$

$$N = 7$$

S89. Ans.(a)

Sol. Let number of crashes suffered by car T be N .

ATQ

$$50 \times 6 - 20 \times N = 0$$

$$N = 15$$

S90. Ans.(d)

Sol. Speed of car S = $\frac{3000}{100} = 30 \text{ m/s}$

Speed of car Q = $\frac{3000}{120} = 25 \text{ m/s}$

So, required percentage = $\frac{30-25}{25} \times 100$
 $= 20\%$

S91. Ans.(d)

Sol. Original speed of the car R = $\frac{3000}{150} = 20 \text{ m/s}$

New speed = $\frac{2 \times 3000}{\frac{5}{3} \times 150} = 24 \text{ m/s}$

Solutions (92-96):

Number of students in college Q = $\frac{x}{100} \times 2500 = 25x$

Number of boys in college Q = $\frac{20}{100} \times 1200 = 240$

Number of girls in college Q = $25x - 240 = 10$

$x = 10$

Total number of students in all the colleges together = $20\% + 10\% + y\% + 25\% = 100\%$

$y\% = 45$

Number of students in college P = $\frac{20}{100} \times 2500 = 500$

Number of boys in college P = $\frac{a}{100} \times 1200 = 12a$

Difference between no. of boys and girls in college P = $12a - (500 - 12a) = 100$

$24a = 600$

$a = 25$

Total number of boys in all the given colleges together = $25\% + 20\% + 30\% + b\% = 100\%$

$b\% = 100\% - 75\%$

$b\% = 25$

Number of boys in college P = $\frac{25}{100} \times 1200 = 300$

Number of girls in college P = $500 - 300 = 200$

Similarly,

College	Total Students	No. of Boys	No. of Girls
P	500	300	200
Q	250	240	10
R	1125	360	765
S	625	300	325

S92. Ans.(c)

Sol. No. of boys who scored more than 90% = $\frac{10}{100} \times 300 = 30$

So, maximum number of boys who scored less than 90% = $300 - 30 = 270$

S93. Ans.(a)

Sol. Required percentage = $\frac{300}{500} \times 100$
 = 60%

S94. Ans.(d)

Sol. Required difference = $(300 + 360) - (10 + 325)$
 = $660 - 335$
 = 325

S95. Ans.(b)

Sol. From above table, only statement (b) is correct.

S96. Ans.(e)

Sol. Required ratio = $(240 + 360) : (765 + 325)$
 = $600 : 1090 = 60 : 109$

S97. Ans.(b)

Sol. Time taken by pipe B to fill the tank alone = $30 \times \frac{2}{3} = 20 \text{ hours}$

Let total capacity of tank be 60 units.

So, efficiency of pipe A, pipe B and pipe C is 6, 3 and 2 units/hr respectively.

So, required volume = $\frac{6+3-2}{60} \times 38808 = 4527.6 \approx 4528 \text{ m}^3$

S98. Ans.(c)

Sol. When both pipes A and C were opened together, tank will always be empty. So, efficiency of pipe A and pipe C is same.

Time taken by pipe C to empty tank R alone = 18 hours

Time taken by pipe B to fill tank R alone = $\frac{18}{3} = 6 \text{ hours}$

Let capacity of tank R be 18 units.

So, efficiency of pipe A, B and C be 1, 3 and 1 units/hr respectively.

Tank filled = $9 \times 1 + (3 - 1) \times 3 = 15 \text{ units}$

Remained tank = $\frac{18-15}{18} \times 5390$
 = $898.33 \approx 900 \text{ m}^3$

S99. Ans.(a)

Sol. Time taken by pipe B to fill tank Q = $36 \times \frac{2}{3} = 24 \text{ hours}$

Let capacity of tank Q = 72 units

So, efficiency of pipe A, B and C is 6, 2 and 3 units/hr respectively.

Tank filled by all the pipes in 1 hour = $(6 + 2 - 3) = 428 \text{ cubic meter}$

$1 \text{ unit} = \frac{428}{5} \text{ cubic meter}$

So, total capacity of tank Q = $\frac{428}{5} \times 72 \text{ cubic meter}$

So, required radius = $\sqrt{\frac{428}{5} \times 72 \times \frac{7}{22} \times \frac{1}{10}}$
 $\approx 14 \text{ m}$

S100. Ans.(d)

Sol. Time taken by pipe B alone to fill the tank S = $3.5 \times 4 = 14$ hours

Time taken by pipe C to empty the tank S alone = $\frac{14}{2} \times 5 = 35$ hours

Let time taken by pipe A to fill the tank S alone be T hours.

ATQ

$$\frac{1}{T} + \frac{1}{14} - \frac{1}{35} = \frac{3575}{19250}$$

$$T = 7 \text{ hours}$$

$$\text{So, required time} = 7 \times \frac{40}{100} = 2.8 \text{ hours}$$

S101. Ans.(c)

$$\text{Sol. Radius of tank P} = \sqrt{38808 \times \frac{7}{22} \times \frac{1}{28}} = 21 \text{ m}$$

$$\text{Radius of tank R} = \sqrt{5390 \times \frac{7}{22} \times \frac{1}{35}} = 7 \text{ m}$$

$$\text{So, required ratio} = \frac{2\pi \times 21 \times 28}{2\pi \times 7 \times (7+35)}$$

$$= 2:1$$

S102. Ans.(e)

$$\text{Sol. Height of tank Z} = 35 \times \frac{120}{100} = 42 \text{ m}$$

$$\text{Radius of tank P} = \sqrt{38808 \times \frac{7}{22} \times \frac{1}{28}} = 21 \text{ m}$$

$$\text{Radius of tank Z} = 21 \times \frac{6}{5} \approx 25 \text{ m}$$

$$\begin{aligned} \text{Required sum} &= 2 \times \frac{22}{7} \times 21 \times 28 + 2 \times \frac{22}{7} \times 25 \times 42 \\ &= 10296 \text{ m}^3 \end{aligned}$$

Solutions (103-105):

Let investment of Chetna be Rs.Y.

Ratio of share of profit of Avni, Beena and Chetna =

$$= P \times x : 1.2P \times 9 + 1.5P \times 3 : Y \times (12 - x)$$

If Beena increase her investment after x months, then

$$\frac{P \times x}{1.2P \times x + 1.5P \times (12 - x)} = \frac{10}{27}$$

$$27x = 12x + 180 - 15x$$

$$x = 6$$

S103. Ans.(b)

Sol. Value of x = 6

S104. Ans.(c)

Sol. Let profit share of Avni and Beena be 20a and 51a respectively.

$$\text{So, } 20a + 51a = 14200$$

$$a = 200$$

$$\text{So, required difference} = 51a - 20a = 31 \times 200$$

$$= \text{Rs. } 6200$$

S105. Ans.(d)**Sol.** ATQ –

$$1.2P \times 6 \times \frac{2.5 \times 6}{100} = 6480$$

$$P = 6000$$

S106. Ans.(e)**Sol.** Let time taken by A to complete work alone be $24x$ days.So, time taken by B to complete the work alone = $20x$ daysTime taken by B to complete the work alone (when B 60% more efficient than A) = $15x$

$$\text{So, } 24x - 15x = 18$$

$$x = 2$$

So, time taken by A and B (original efficiency) to complete the work alone is 48 and 40 days respectively.

Let total work be 240 units.

Efficiency of A and B is 5 units/day and 6 units/day respectively.

$$\text{Work done in 12 days} = 12 \times (5 + 6) = 132 \text{ units}$$

$$\text{Fraction of work left} = \frac{240-132}{240} = \frac{9}{20}$$

S107. Ans.(c)**Sol.** Let investment of A and B be $2a$ and a respectively.Investment of C and D be $2b$ and b respectively.

ATQ

$$(2a + a) = \frac{75}{100} \times (2b + b)$$

$$\frac{a}{b} = \frac{3}{4}$$

$$\text{Let } a = 3x \text{ and } b = 4x$$

So, investment of A, B, C and D is $6x$, $3x$, $8x$ and $4x$ respectively.

$$\text{So, profit share of A} = \frac{6x}{21x} \times 10500$$

$$= \text{Rs. } 3000$$

S108. Ans.(b)**Sol. From A.**

$$6 \times 3x + 24 = N$$

$$18x + 24 = N$$

From B.If no chocolate were left so, N is perfectly divisible by x .**From A & B.**

$$6x = N$$

$$\text{So, } 12x = -24$$

$$x = -2$$

So, 1 & 2 together we can't find

From B & C.

So, $30 < 3x < 40$

$$10 < x < \frac{40}{3}$$

So, x can be 11, 12 & 13

But we get multiple value of 11, 12 & 13 between (200 – 300) range

So, from 2 & 3 we can't find

From A & C.

$$18x + 24 = N$$

$$30 < 3x < 40$$

$$\text{Now, } 180 < 18x < 240$$

$$\text{Given } 200 < N < 300$$

So, value of x can be between 10 – 13

But we can not find an exact value of X

So, none of the given statements can answer the question

S109. Ans.(d)

Sol. Ratio of time for A, B and C invested respectively = $12 : 8 : 8 = 3 : 2 : 2$

From A.

Let profit of A = x

So, profit of B = $x + 400$

And profit of C = $x + 200$

From B.

Let amount invested by A & B together = 2P

So, amount invested by C = 3P

From C.

Ratio of profit share of C and that of A and B together is 3 : 8.

There are two variables, so none of the given statements can answer the question

S110. Ans.(c)

Sol. Let the required number be $(10x + y)$ where x is the ten's digit and y is the unit's digit

$$\text{From A: } x^2 + y^2 = 26$$

$$\text{From B: } (10x + y) : (x + y) = 5 : 2$$

$$\text{From C: } x = y - 4$$

$$y - x = 4$$

So, either A and C together or B alone

S111. Ans.(d)

$$\text{Sol. Total shares in 2002} = 10000 \times \frac{120}{100} = 12000$$

$$\text{Total market value received from new shareholders} = 12000 \times 75 \times \frac{30}{100} = 270,000$$

S112. Ans.(c)

Sol. Price of per share in 2005 = $110 \times \frac{100}{88} = 125$ Rs.

Price of per share in 2003 = $75 \times \frac{95}{100} = \frac{285}{4}$ Rs.

Required ratio = $(25000 \times 125) : (30000 \times \frac{285}{4})$
 $= 250 : 171$

S113. Ans.(a)

Sol. Total number of shares in 2006 = $25000 \times \frac{90}{100} = 22500$

Total market value in 2006 = $22500 \times 110 = 2475000$

S114. Ans.(d)

Sol. Total shares in 2002 = $10000 \times \frac{120}{100} = 12000$

Total market value in 2002 = $12000 \times 75 = 900000$ Rs.

Price of per share in 2003 = $75 \times \frac{95}{100} = \frac{285}{4}$ Rs.

Total market value in 2003 = $\frac{285}{4} \times 30000 = 2137500$

Required percentage = $\frac{2137500 - 900000}{900000} \times 100 = 137.5\%$

S115. Ans.(b)

Sol. Total shares in 2006 = $25000 \times \frac{90}{100} = 22500$

Total number of shares in 2004 = $\frac{22500 + 30000}{2} + 1750 = 28000$

Required average = $\frac{10000 + 12000 + 30000 + 28000 + 25000 + 22500}{6} = 21250$

S116. Ans.(b)**Sol. About PM SVANidhi-**

- The scheme is a Central Sector Scheme i.e. fully funded by Ministry of Housing and Urban Affairs with the following objectives:
 - o To facilitate working capital loan up to `10,000
 - o To incentivize regular repayment
 - o To reward digital transactions
- The scheme will help formalize the street vendors with above objectives and will open up new opportunities to this sector to move up the economic ladder.
- The Scheme is available for beneficiaries belonging to only those States/UTs which have notified Rules and Scheme under Street Vendors (Protection of Livelihood and Regulation of Street Vending) Act, 2014. Beneficiaries from Meghalaya, which has its own State Street Vendors Act may, however, participate.
- The vendors, availing loan under the scheme, are eligible to get an interest subsidy @@ 7%.
- In April 2022, The Centre approved the continuation of the Prime Minister Street Vendor's AtmaNirbharNidhi (PM SVANidhi) scheme till December 2024.

S117. Ans.(e)

Sol. For Tier 2, Tier 3 and Tier 4 UCBs, while retaining the current capital adequacy framework, it has been decided to revise the minimum CRAR to 12 per cent so as to strengthen their capital structure.

About CRAR- Capital Adequacy Ratio is also known as Capital to Risk Assets Ratio, is the ratio of a bank's capital to its risk. National regulators track a bank's CAR to ensure that it can absorb a reasonable amount of loss and complies with statutory Capital requirements.

The term **Urban Co-operative Banks (UCBs)**, refers to primary cooperative banks located in urban and semi-urban areas.

S118. Ans.(e)

Sol. From India, six airports have found a place among the 'Best Airport by Size and Region', by the Airports Council International (ACI), in its Airport Service Quality (ASQ) survey for the year 2021.

The airports have been adjudged among the Asia Pacific region in different categories based on annual passenger traffic. The ACI Airport Service Quality (ASQ) Awards take into account 33 parameters related to passenger amenities to recognize airport excellence in customer experience.

The six Indian airports include:

Category – Over 40 million passengers per year

Chhatrapati Shivaji Maharaj International Airport (CSMIA), Mumbai (5th consecutive year)

Indira Gandhi International Airport, New Delhi (4th consecutive year)

Category – 15 to 25 million passengers per year

Rajiv Gandhi International airport, Hyderabad

Category – 5 to 15 million passengers per year

Cochin International Airport, Cochin

Sardar Vallabhbhai Patel International Airport, Ahmedabad

Category – 2 to 5 million passengers per year

Chandigarh Airport, Chandigarh

S119. Ans.(d)

Sol. The 31st Southeast Asian Games were held in Hanoi, Vietnam.

It is the biggest sporting event of Southeast Asia and is a biennial event.

Moto of 31st Southeast Asian Games- "For a Stronger South East Asia".

About Other Options-

Country	Capital	Currency
Australia	Canberra	Australian dollar
New Zealand	Wellington	New Zealand dollar
Netherland	Amsterdam	Euro
China	Beijing	Renminbi

S120. Ans.(c)

Sol. LIC Mutual Fund has announced the appointment of TS Ramakrishnan as its Managing Director & CEO, effective. Ramakrishnan, as the MD and CEO, LIC Mutual Fund Asset Management, will succeed Dinesh Pangtey, its former Wholetime Director and CEO.

LIC Mutual Fund is one of the oldest and leading mutual funds operating in India. offer a complete basket of 26 products covering debt, equity, hybrid, passive and solution-oriented schemes. The Average Assets under Management (AAuM) is Rs 18,625.52 crores as on January 31, 2022.

About Other Options-

Rajendra Prasad	Rajendra Prasad has been appointed as the Managing Director of National High-Speed Rail Corporation Limited (NHSRCL).
Brajesh Kumar Upadhyay	The Appointments Committee of the Cabinet (ACC) has approved the appointment of Brajesh Kumar Upadhyay as Chairman & Managing Director (CMD) of Goa Shipyard Limited (GSL).
Sanjai Kumar	The public enterprise's selection board (PESB) has selected Sanjai Kumar for the post of Chairman & Managing Director, RailTel Corporation of India Ltd (RCIL).
Pratik Pota	Pratik Pota was appointed by PE firm Advent International to run Eureka Forbes, one of its portfolio companies. Pratik will join Eureka Forbes as Managing Director & CEO.

S121. Ans.(b)

Sol. The headquarters of Atomic Energy Commission of India is located in Mumbai.

The Atomic Energy Commission of India is the governing body of the Department of Atomic Energy, Government of India.

The Indian Atomic Energy Commission was set up on 3 August 1948 under the late Department of Scientific Research.

The appointment committee of the cabinet has approved the extension in service to Kamlesh Nilkanth Vyas as a chairman of the Atomic Energy Commission.

This is the second extension for Vyas, who was first appointed to the post in September 2018.

S122. Ans.(d)

Sol. The Karnataka Health Department has appointed cricketer Robin Uthappa as the ambassador for brain health and mental health to create awareness on these issues. The brain health initiative in Karnataka is being undertaken in collaboration with the Ministry of Health, NITI Aayog and Nimhans.

Karnataka Chief Minister: Basavaraj Bommai

Governor: Thawar Chand Gehlot

About Other Options-

Rishabh Pant	Uttarakhand Chief Minister Pushkar Singh Dhami named cricketer Rishabh Pant as the brand ambassador of the state.
Mithali Raj	Australian wine brand, Jacob's Creek has announced captain of the Indian women's cricket team and Padma Shri awardee Mithali Raj as its ambassador.
Sourav Ganguly	Lloyd, one of consumer durable brand of Havells India, has announced its association with former Indian cricket captain Sourav Ganguly as the Brand Ambassador for markets in eastern part of India.

S123. Ans.(e)

Sol. Chief Minister M.K. Stalin received the renowned “President’s Colours” for the Tamil Nadu Police from Vice-President of India M. Venkaiah Naidu.

About Tamil Nadu-

- CM- M.K. Stalin
- Chief Secretary- Irai Anbu
- Home Secretary- K. Phanindra Reddy

About Other Options-

Governor	State
Pramod Sawant	Goa
Chandrashekar Rao	Telangana
Basavaraj Somappa Bommai	Karnataka
Pinarayi Vijayan	Kerala

S124. Ans.(b)

Sol. In a circular issued, the Reserve Bank of India (RBI), instructed all parties—aside from card networks and card issuers—to delete all previously stored Card-on-File (CoF) data by October 1, 2022.

What is Card-on-File (CoF) Data?

In the event that a card is reissued, the Card-on-File Data Inquiry is intended to give information about the merchants that cardholders may have kept their cards on file with and whether or not those merchants have received updated card information.

S125. Ans.(c)

Sol.

- The Reserve Bank of India has said that public sector banks reported over a 51 per cent fall in the amount involved in frauds to Rs 40,295.25 crore during the financial year 2021-22 (FY22).
- As many as 12 PSBs (Public Sector Banks) had reported frauds worth Rs 81,921.54 crore in the preceding fiscal 2020-21, the central bank said in response to an application under the Right to Information (RTI) Act.
- According to the RBI data on frauds reported by PSBs in all categories during FY22, the highest amount of Rs 9,528.95 crore was reported by the city-based Punjab National Bank (PNB), involving 431 such incidents.
- The country’s largest lender State Bank of India reported frauds worth Rs 6,932.37 crore in as many as 4,192 cases — reflecting incidents of a large number of small value frauds.
- Bank of India reported frauds worth Rs 5,923.99 crore (209 incidents), followed by Bank of Baroda at Rs 3,989.36 crore (280); Union Bank of India Rs 3,939 crore (627), while Canara Bank reported frauds worth Rs 3,230.18 crore in just 90 cases — showing that the transactions were of high-value frauds.

About RBI-

- Founded: April 1, 1935
- Headquarters: Mumbai, Maharashtra
- Governor: Shaktikanta Das

S126. Ans.(b)

Sol. PNB MetLife India Insurance Company has launched India's first dental health insurance plan. This is the first insurance plan in India that covers fixed-benefit outpatient expenses and provides financial assistance with costs related to overall dental health.

About PNB MetLife-

- Established: 2001
- Headquarters: Mumbai, Maharashtra
- Chairman: Kishore Ponnawolu
- MD & CEO: Ashish Kumar Srivastava

S127. Ans.(c)

Sol. The base year of All-India WPI has been revised from 2004-05 to 2011-12 in 2017.

S128. Ans.(b)**Sol. About WPI-**

- It measures the changes in the prices of goods sold and traded in bulk by wholesale businesses to other businesses.
- Published by the Office of Economic Adviser, Ministry of Commerce and Industry.
- It is the most widely used inflation indicator in India.
- Major criticism for this index is that the general public does not buy products at wholesale price.
- The base year of All-India WPI has been revised from 2004-05 to 2011-12 in 2017.

S129. Ans.(b)

Sol. The Department of Consumer Affairs has launched "Jagriti", a mascot for empowering consumers and generating awareness towards their rights.

Jagriti will be projected as an empowered consumer who is spreading awareness about consumer rights and addressing solutions to the problems faced by the consumers.

The "Jagriti" mascot will be used to generate consumer awareness about various themes of the Department. The Themes include provisions of Consumer Protection Act 2019, Hallmarking, National Consumer Helpline toll-free number 1915, provisions of weights and measures Act, decisions of the Central Consumer Protection Authority and testimonials by consumers on grievance redressal.

S130. Ans.(c)

Sol. Bank of India along with pension fund regulator PFRDA launched a digital platform which will allow customers to open NPS accounts using mobile phones.

The Pension Fund Regulatory and Development Authority (PFRDA) and Bank of India launched the digital platform for NPS enrolment in association with K-fintech.

Customers can now open NPS (National Pension System) account in a hassle-free and paperless manner by scanning a QR code, said in a joint release by PFRDA and Bank of India.

S131. Ans.(a)

Sol. The BCCI is planning to start the Women's IPL by 2023.

About BCCI-

- The Board of Control for Cricket in India is the governing body for cricket in India.
- President: Sourav Ganguly
- Headquarters: Mumbai
- Founded: December 1928

S132. Ans.(b)

Sol. Union Minister for Micro, Small & Medium Enterprises (MSME), Narayan Rane has announced the establishment of MSME-Technology Centre with an outlay of Rs. 200 Crore, in Sindhudurg, Maharashtra.

S133. Ans.(e)

Sol. Matches for the 2026 World Cup will be held in 11 US cities as well as three host sites in Mexico and two in Canada, soccer's world governing body, FIFA, announced.

The 16 host cities will be: Atlanta, Boston, Dallas, Guadalajara, Houston, Kansas City, Los Angeles, Mexico City, Miami, Monterrey, New York/New Jersey, Philadelphia, San Francisco, Seattle, Toronto and Vancouver.

About FIFA-

- President: Gianni Infantino
- Founded: 21 May 1904
- Headquarters: Zürich, Switzerland

S134. Ans.(d)

Sol. Zomato and Jio-bp have entered into an agreement to support Zomato's commitment towards "The Climate Group's EV100 initiative of 100 per cent EV fleet by 2030."

About Zomato-

- Headquarters: Gurugram, Haryana
- CEO of Zomato: DeepinderGoyal

S135. Ans.(c)

Sol. India is ranked 3rd in terms of most number of billionaires' population globally in 2021, as per Knight Frank's latest edition of The Wealth Report 2022.

The number of ultra-high-net-worth-individuals (UHNWIs) in India increased by 11% YoY in 2021 to 145 billionaires, the highest percentage growth in the Asia Pacific (APAC) region. UHNWIs are individuals with net assets of US\$ 30m or more (Rs 226 crore).

The list has been topped by the United States (748) and China (554) respectively.

Bengaluru recorded the highest growth in the number of UHNWIs in 2021 at 17.1% to 352 billionaires. It was followed by Delhi (12.4% to 210) and Mumbai (9% to 1596) in 2021.

S136. Ans.(c)

Sol. The National Safety Day (NSD) is celebrated every year on the 4th of March to commemorate the foundation of the National Safety Council (NSC) of India. The day aims to raise public awareness of all safety principles, including road safety, workplace safety, human health safety, and environmental safety. The year 2022 marks 51st NSD.

Theme 2022- 'Nurture young minds – Develop safety culture'.

The first National Safety Day was observed in 1972. The National Safety Council was set up on 4th March 1966 by the Ministry of Labour and Employment, to develop and implement a voluntary routine in the areas of safety, health, and the environment.

About Other Days-

Date	Day
March 2	46th Civil Accounts Day
March 3	World Wildlife Day 2022 • Theme- Recovering key species for ecosystem restoration World Hearing Day • Theme- To hear for life, listen with care
March 4	World Obesity Day • Theme- Everybody Needs to Act
March 6	CISF observed its 53rd Raising Day

S137. Ans.(b)

Sol. The 73rd Strandja Memorial Boxing Tournament was held in Sofia, Bulgaria.

Indian boxers Nikhat Zareen (52kg) and Nitu (48kg) has won gold medals at the 73rd Strandja Memorial Boxing Tournament.

The Indian contingent ended their campaign at the tournament with three medals including two golds and one bronze.

S138. Ans.(e)

Sol. “Leaders, Politicians, Citizens: Fifty Figures Who Influenced India’s Politics” has been authored by author-journalist Rasheed Kidwai compiles stories of 50 personalities who influenced India’s political landscape.

About Other Options-

Authors	Books
Rajesh Talwar	The Boy Who Wrote a Constitution”
Geetanjali Shree	Tomb of Sand
Harish Mehta	The Maverick Effect
Ashwini Shrivastava	Decoding Indian Babudom

S139. Ans.(c)

Sol. The minimum capital for Small Finance is prescribed at Rs. 300 crores.

The Small Finance Bank (SFB) is a private financial institution intended to further the objective of financial inclusion by primarily undertaking basic banking activities of acceptance of deposits and lending to unserved and underserved sections including small business units, small and marginal farmers, micro and small industries and unorganized sector entities, but without any restriction in the area of operations, unlike Regional Rural Banks or Local Area Banks.

S140. Ans.(d)

Sol. Indian Army participates in a multinational exercise “Ex Khaan Quest 2022” where 16 other countries also took part in Mongolia. President of Mongolia, Ukhnaagiin Khurelsukh inaugurated the Exercise as the host.

Indian Army was represented by a contingent from the LADAKH SCOUTS. The 14-day exercise is aimed at enhancing interoperability, building military-to-military relationships, and developing peace support operations and military readiness among participating nations.

The exercise will also enable sharing of best practices between the Armed Forces of participating nations and will include field training exercises, combat discussions, lectures, and demonstrations.

Indian Army Static Facts:
Founded: 1 April 1895
Headquarters: New Delhi
Chief of the Army Staff: Manoj Pande
Motto: Service Before Self

S141. Ans.(e)

Sol. India has successfully executed a nuclear- capable Agni-4 ballistic missile from APJ Abdul Kalam Island in Odisha.

The missile has the range of around 4,000 kilometres. Earlier, India successfully test-fired an extended range version of the BrahMos supersonic cruise missile from a Sukhoi fighter jet.

It was the first launch of the extended range version of the BrahMos missile from a Su-30MKI aircraft.

List of Agni Missiles:

Agni-I MRBM: surface-to-surface medium-range ballistic missile

Agni-II MRBM: surface-to-surface medium-range ballistic missile

Agni-III IRBM: surface-to-surface intermediate-range ballistic missile

Agni-IV IRBM: surface-to-surface intermediate-range ballistic missile

Agni-V ICBM: surface-to-surface intercontinental ballistic missile

Agni-VI: Four-stage Intercontinental ballistic missile

S142. Ans.(c)

Sol. Mastercard has become the title sponsor for all matches of Board of Control for Cricket in India (BCCI).

About BCCI-

- The Board of Control for Cricket in India is the governing body for cricket in India.
- President: Sourav Ganguly
- Headquarters: Mumbai
- Founded: December 1928

S143. Ans.(e)

Sol. World Elephant Day is celebrated on 12 August every year to raise awareness about the plight of elephants all over the world.

The main objective of World Elephant Day is to create awareness on elephant conservation and to share knowledge and positive solutions for the better protection and management of wild and captive elephants.

About Other Options-

Date	Day
August 6	Hiroshima Day
August 7	Javelin Throw Day National Handloom Day Theme- Handloom, an Indian legacy
August 9	Nagasaki Day International Day of the World's Indigenous Peoples Theme- The Role of Indigenous Women in the Preservation and Transmission of Traditional Knowledge
August 12	International Youth Day Theme- Intergenerational solidarity: creating a world for all ages.

S144. Ans.(b)

Sol. Securities and Exchange Board of India's advisory council on leveraging regulatory and technological solutions has been reconstituted advisory committee on leveraging regulatory and technology solutions (ALeRTS).

Sunil Bajpai will now lead the seven-member panel.

S145. Ans.(b)

Sol.

- The PMJJBY is available to people in the age group of 18 to 50 years having a bank account who give their consent to join / enable auto-debit.
- Aadhar would be the primary KYC for the bank account. The life cover of Rs. 2 lakhs shall be for the one year period stretching from 1st June to 31st May and will be renewable.
- Risk coverage under this scheme is for Rs. 2 Lakh in case of death of the insured, due to any reason.
- The premium is Rs. 330 per annum which is to be auto-debited in one installment from the subscriber's bank account as per the option given by him on or before 31st May of each annual coverage period under the scheme.
- The scheme is being offered by Life Insurance Corporation and all other life insurers who are willing to offer the product on similar terms with necessary approvals and tie up with banks for this purpose.

S146. Ans.(d)

Sol. Immediate Payment Service (IMPS) public launched on 22nd November 2010 by Smt. Shyamala Gopinath, DG RBI at Mumbai.

S147. Ans.(d)

Sol. Google has announced the launch of 'Play Pass' subscription service in India that will provide Android device users access to over 1,000 applications and games without ads, in-app purchases, and upfront payments.

Play Pass, which is currently available in 90 countries, will offer a high-quality and curated collection of 1000+ titles across 41 categories from developers across 59 countries including many from India, Google said in a statement.

Play Pass will give users access to well-known games like Jungle Adventures, World Cricket Battle 2, and Monument Valley, along with apps such as Utter, Unit Converter and AudioLab, Photo Studio Pro, Kingdom Rush Frontiers TD, among others.

Google Static Facts:

CEO: Sundar Pichai

Founded: 4 September 1998

Headquarters: Mountain View, California, United States

S148. Ans.(c)

Sol. On the 1st of March, 2022, the Central Depository Services (India) announced that it now has more than six crores (i. e. equivalent to 60 million) active Demat accounts. A Demat account is a kind of account that can be used to keep online copies of securities and shares.

A Demat account is a dematerialized account in its entire form. The main purpose of a Demat account is to keep shares that have been bought or dematerialized (that means conversion from physical to electronic form of shares), making online share trading easier for users.

The solely listed depository in India is Central Depository Services (India) Limited (CDSL).

S149. Ans.(b)

Sol. Organization of the Petroleum Exporting Countries (OPEC) Secretary-General, Mohammad Sanusi Barkindo, passed away. He was born in April 1959 in northeast Nigeria's Adamawa state, Barkindo assumed the office of the OPEC Secretary-General in 2016. His tenure was scheduled to expire in July.

S150. Ans.(e)

Sol.

- The Defence ministry gave three private sector banks permission to offer financial support to it for the purchase of military equipment abroad. These banks include ICICI Bank, Axis Bank, and HDFC Bank Ltd.
- For services like the issuance of letters of credit and direct bank transfers to the ministry for overseas purchase, only authorised public sector banks have been used up until now.

S151. Ans.(d)

Sol. Former Australian all-rounder Andrew Symonds was killed in a car crash.

Symonds was also a top-rate fielder and was a key part of Australia's back-to-back 50-over World Cups triumphs in 2003 and 2007.

S152. Ans.(d)

Sol:

(i) Call money market provides the institutional arrangement for making the temporary surplus of some banks available to other banks which are temporary in short of funds.

(ii) Mainly the banks participate in the call money market. The State Bank of India is always on the lenders' side of the market.

(iii) The call money market operates through brokers who always keep in touch with banks and establish a link between the borrowing and lending banks.

(iv) The call money market is highly sensitive and competitive market. As such, it acts as the best indicator of the liquidity position of the organized money market.

(v) The rate of interest in the call money market is highly unstable. It quickly rises under the pressures of excess demand for funds and quickly falls under the pressures of excess supply of funds.

S153. Ans.(d)

Sol. IRDAI and National Health Authority (NHA) will develop a National Health Claims Exchange as a digital platform to settle health claims. The National Health Claims Exchange will be developed as a digital platform, for settling the health claims.

About IRDAI-

- Founded: 1999
- IRDAI Headquarters: Hyderabad
- IRDAI Chairperson: Debasish Panda

S154. Ans.(c)

Sol. The Oxford Children's Dictionaries & Language Data team at Oxford University Press pored through all of the entries to reveal a wealth of insights into children's evolving use of language and identify the 2020 Oxford Children's Word of the Year as 'coronavirus'.

Children have chosen 'anxiety' as their word of the year for 2021, according to new research from Oxford University Press (OUP). In comparison, teachers have chosen 'resilience'.

This year, OUP's academics focused on well-being, keeping in mind the impact of the pandemic on education, and concerns about children's mental health across the United Kingdom.

S155. Ans.(a)

Sol. Union Minister for Women and Child Development, Smriti Irani launched the "Stree Manoraksha project".

National Institute of Mental Health and Neurosciences (NIMHANS), Bangalore, with support and funding from the Ministry of Women and Child Development.

The aim of the project is to provide training and supervision in psychosocial and mental health care for staff and counsellors of all One Stop Centres (OSCs) across the country to support women facing various forms of gender-based violence.

The project, which has been painstakingly described by NIMHANS based on the Ministry's expected requirements, will be delivered in two formats.

All OSC functionaries, including security guards, cooks, helpers, caseworkers, counsellors, centre administrators, paramedical staff, and others, will receive basic training in one format.

The second format will emphasize the advanced course, which will focus on various components such as multi-generational implications and lifetime trauma in cases of violence against women as well as professional principles in counseling.

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