

SBI Clerk Prelims 2022 (19th Nov) Shift-wise PYP Mock- 04

Directions (1-5): Read the given information carefully and answer the related questions:

Ten persons sit in two parallel rows in such a way that five persons sit in each row. The persons sit in row 1 will face in south and the persons sit in row 2 will face in north. Persons of both the rows face each other.

P and K sits diagonally opposite to each other. The person sits second to the left of K faces T. Two persons sit between K and M. R and L face each other. Q sits third to the left of R. N will face in north and sits at one of the positions to the right of O. S is one of the persons.

Q1. Who among the following sits second to the left of S?

- (a) K
- (b) L
- (c) Q
- (d) T
- (e) None of these

Q2. Who among the following sits opposite to O?

- (a) M
- (b) K
- (c) P
- (d) S
- (e) None of these

Q3. Four among the following five are same in a certain manner and forms a group. Who among the following does not belong to the group?

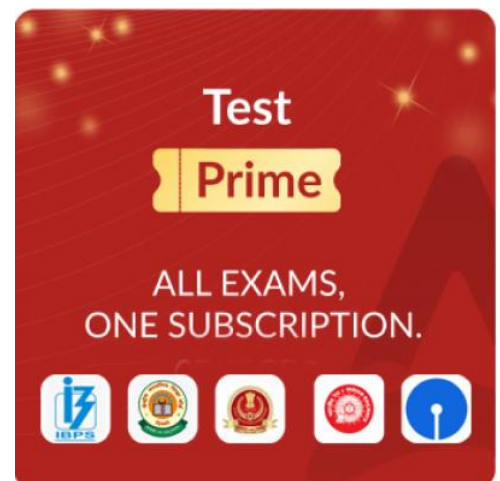
- (a) K
- (b) Q
- (c) L
- (d) O
- (e) P

Q4. Which among the following pair of persons sit in the same row?

- (a) R, N
- (b) L, M
- (c) O, S
- (d) K, T
- (e) N, P






Q5. What is the position of R with respect to S?

- (a) Immediate right
- (b) Third to the right
- (c) Immediate left
- (d) Second to the left
- (e) Fourth to the right



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Directions (6-9): Study the following information carefully and answer the related questions:

In a certain code language

'Intel core inside' is written as 'nt ht st'

'Intel launch latest design' is written as 'ht qt mt pt'

'Core version launch' is written as 'st dt mt'

'Latest version CPU' is written as 'dt pt ut'

Q6. What is the code for 'Launch'?

- (a) mt
- (b) qt
- (c) pt
- (d) dt
- (e) None of these

Q7. The code 'st' is used for which among the following word?

- (a) Version
- (b) Core
- (c) Latest
- (d) Design
- (e) None of these

Q8. What will be the code for 'CPU Design' according to the given code language?

- (a) ut ht
- (b) dt pt
- (c) pt qt
- (d) ut qt
- (e) None of these

Q9. 'mt' is the code for which among the following word?

- (a) Intel
- (b) Launch
- (c) Design
- (d) Inside
- (e) None of these

Directions (10-14): Read the given information carefully and answer the following questions:

Eight persons R, S, T, U, V, W, X and Y visit Adda247 office (but not necessarily in the same order as given) in eight months from March to October.

X visits four month before T. Four persons visits between X and V. The number of persons visit before V is same as the number of persons visit after R. S visits in the month with even number of days. W visits on one of the days before S and after U.

Q10. Who among the following person visit the ADDA247 office at last?

- (a) X
- (b) T
- (c) V
- (d) None of these
- (e) Y

Q11. How many persons visit between T and U?

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

Q12. Who among the following visits in July?

- (a) W
- (b) V
- (c) Y
- (d) T
- (e) None of these

Q13. Which of the following combination is correct?

- (a) June-S
- (b) April- X
- (c) October- V
- (d) September- T
- (e) May- R

Q14. How many persons visit before R?

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

Directions (15-17): Read the following information and answer the related questions:

In a family of eight members with three generations, there are only two married couples. H is the only grandchild of A. A has two children and only one of them is married. The father of H, is the only son of D. E is paternal aunt of H. C is the only brother of A and B. The nephew of B, is married to G. F is one of the members in the family.

Q15. What is the relation of F with respect to H?

- (a) Father
- (b) Mother

- (c) Cousin
- (d) Grandfather
- (e) None of these

Q16. Who among the following is brother-in-law of D?

- (a) G
- (b) F
- (c) B
- (d) C
- (e) None of these

Q17. What is the relation of H with respect to D?

- (a) Grandson
- (b) Son
- (c) Granddaughter
- (d) Niece
- (e) Cannot be determined

Directions (18-22): Read the given information carefully to answer the related questions:

Eight persons sit around a square table facing inside in such a way that four persons sit at corner of the table and four sits at middle of the side of the table.

R sits second to the left of T. Two persons sit between R and V. P sits just left of V. The number of persons sits between R and P is same as the number of persons sits between Q and W. S sits second to the right of W but does not sit at any side of table. U is one of the members.

Q18. Who among the following faces U?

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

Q19. How many persons sit between Q and V when counted to the right of Q?

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

Q20. What is the position of T with respect to W?

- (a) Immediate left
- (b) Third to the left
- (c) Third to the right
- (d) Second to the left
- (e) Fourth to the left

Q21. If all the persons sit according to alphabet series in anticlockwise direction starting from P, then who among the following will sit opposite to R?

- (a) V
- (b) W
- (c) U
- (d) T
- (e) None of these

Q22. Who among the following sits just right of Q?

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

Directions (23-27): Study the given alphanumeric series carefully and answer the related questions:

3 S 6 4 C Z V 9 5 A F M 2 K E 6 G V 4 8 Y 5 3 V D A 4 B 5 L T P

Q23. Which among the following element is 11th to the left of 7th element from right end of the series?

- (a) K
- (b) E
- (c) G
- (d) C
- (e) None of these

Q24. How many even numbers are there in the first half of the series?

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

Q25. How many vowels are there in the series which are immediately preceded by a number?

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

Q26. How many numbers are there in the series which are immediately preceded and immediately followed by a letter?

-
- (a) Seven
 - (b) Six
 - (c) Four
 - (d) Five
 - (e) None of these

Q27. Which among the following number is 8th from the left end of the given series?

- (a) 8
- (b) 6
- (c) 4
- (d) 3
- (e) None of these

Directions (28-32): Study the following information carefully and answer the questions given below.

Six persons i.e. A, B, C, D, E and F sit at the triangular table. Three persons sit at the corner and are facing towards the centre and the remaining sit at the middle of the side of the table and are facing away from the centre. They like different subjects i.e., Hindi, English, Arts, Economics, Chemistry and Physics. All the information is not necessarily in the same order.

The one who likes Economics sits second to the left of D. The one who likes physics sits second to the right of D. The one who likes English sits neither adjacent to the one who likes physics nor adjacent to the one who likes Economics. E likes Hindi and doesn't sit at the corner. E sits to the immediate right of A who doesn't like physics. B sits second to the right of the one who likes chemistry. F doesn't like Chemistry.

Q28. Which among the following statement(s) is/are true?

- I.** F likes Physics
- II.** A sits at the corner
- III.** B sits adjacent to C

- (a) Both I and II
- (b) Both II and III
- (c) Only I
- (d) Both I and III
- (e) Only III

Q29. Which among the following combination is correct?

- (a) B-English
- (b) F-Economics
- (c) C- Chemistry
- (d) B- Physics
- (e) All are correct

Q30. How many persons sit between F and the one who likes Arts when counted to the right of F?

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

Q31. 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) F - C
- (b) B - D
- (c) E - A
- (d) D - E
- (e) B - A

Q32. Who among the following sits third to the left of the one who likes Arts?

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

Directions (33-35): In each of the questions below, some statements are given followed by some conclusions numbered as I and II. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

Q33. Statements:

All floor are stone.
All stone are rock.
No floor is cube.

Conclusions:

I: Some rock is not cube

II: All stone is floor

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

Q34. Statements:

No back is lack.
Some rack is pack.
No pack is back.

Conclusions:

I: No rack is back

II: Some lack can be rack

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

Q35. Statements:

Only a few top is for.

Some for is about.

Only about is over.

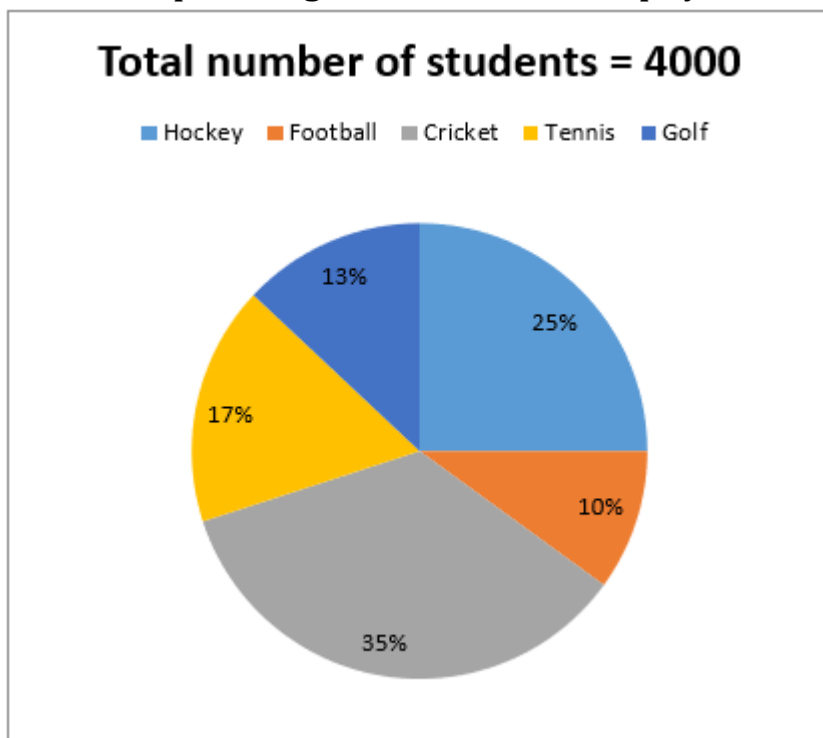
Conclusions:

I: Some over can be for

II: All top can be about

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

Directions (36-40): Study the following pie chart carefully to answer these questions: It shows the percentage wise distribution of players who play five different sports.



Q36. What is the total number of players who play football and Golf together?

- (a) 720
- (b) 920
- (c) 715
- (d) 910
- (e) 930

Q37. What is the difference between the number of cricket players and football players?

- (a) 1100
- (b) 1000
- (c) 950
- (d) 900
- (e) 1200

Q38. What is the ratio of number of players who play hockey to the number of players who play football?

- (a) 5:3
- (b) 4:3
- (c) 5:2
- (d) 5:1
- (e) 6:5

Q39. What is the number of male players who play cricket, if the ratio of male and female cricket player is 3:4

- (a) 600
- (b) 800
- (c) 400
- (d) 500
- (e) 700

Q40. The number of golf players is how much percent more than number of football players?

- (a) 25%
- (b) 30%
- (c) 32%
- (d) 45%
- (e) 33%

Q41. Raman invested a certain sum of money in Bank A for a period of 4yr and gets Rs.100 as simple interest. After that he withdraws the amount and invests it in Bank B for 5yr which provides double the rate of interest as provided by bank A. From Bank B he gets Rs.300 as simple interest. Find the rate at which of money invested in bank A.

- (a) 7%
- (b) 5%
- (c) 8%
- (d) 10%
- (e) 9%

Q42. The ratio of the present ages of Ragini and Ravi is 8:11. Twenty years hence the ratio of their ages will be 4:5. What will be the ratio of their ages thirty-five years hence?

- (a) 6:5
- (b) 6:7
- (c) 5:8
- (d) 5:6
- (e) 5:7

Q43. Two trains (train A and Train B) of length 150m and 200m respectively with the same speed pass a tree in 6sec and 20sec respectively. In what time they will cross each other if they are moving in opposite directions?

- (a) 12sec
- (b) 11sec
- (c) 20sec
- (d) 9sec
- (e) 10sec

Q44. A can do $\frac{5}{8}$ of a piece of work in 25days; then he calls B and they finish the remaining work in 5 days. How long B alone will take to do whole work?

- (a) 10 days
- (b) 20days
- (c) 5 days
- (d) Data inadequate
- (e) None of these

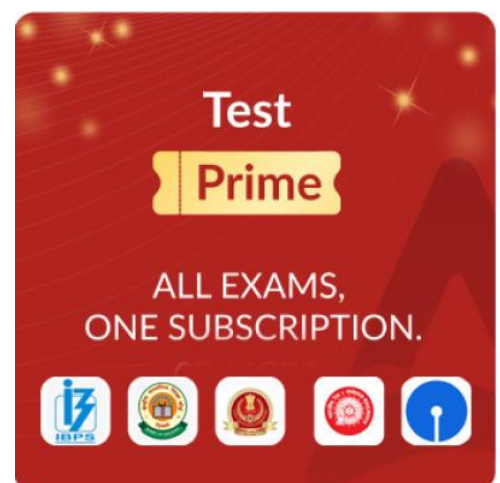
Q45. Two bottles of 48L and 64L are filled with mixtures of milk and water; the proportions of milk to water in the two bottles being equal that is 7 :9. If mixture of two bottles be mixed and 7L of water be added to the whole, what will be the proportion of milk and water in the resulting mixture?

- (a) 10:7
- (b) 11:7
- (c) 7:9
- (d) 7:10
- (e) 7:13






Directions (46-50): In each of these questions a number series is given. In each series only one number is wrong. Find out the wrong number.

Q46. 1, 2, 6, 15, 31, 55, 92

- (a) 2
- (b) 6
- (c) 15
- (d) 31
- (e) 55



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Q47. 1, 2, 4, 8, 16, 30, 64

- (a) 4
- (b) 2
- (c) 8
- (d) 30
- (e) 64

Q48. 7, 14, 28, 49, 75, 112, 154

- (a) 14
- (b) 28
- (c) 75
- (d) 112
- (e) 154

Q49. 16, 15, 18, 14, 20, 11, 22

- (a) 16
- (b) 18
- (c) 22
- (d) 20
- (e) 14

Q50. 720, 720, 360, 150, 30, 6, 1,

- (a) 1
- (b) 360
- (c) 6
- (d) 150
- (e) None of these

Directions (51- 63): What will come in the place of question mark in following questions.

Q51. $7525 \div 25 \times 15 = ? \times 11 + 115$

- (a) 300
- (b) 400
- (c) 450
- (d) 380
- (e) 500

Q52. $(? \div 8 \div 15) \times 30 + 280 = 260$

- (a) -75
- (b) -88
- (c) -89
- (d) -80
- (e) -70

Q53. $33\frac{1}{3}\%$ of 237 + $\sqrt[8]{1331} \times 5 = ? - 25$

- (a) 169
- (b) 155
- (c) 159
- (d) 157
- (e) 158

Q54. $28 \times 15 + 14\%$ of 200 + $495 \div 15 = ?$

- (a) 488
- (b) 485
- (c) 498
- (d) 491
- (e) 481

Q55. $[(4\sqrt{5} + \sqrt{5}) \times (12\sqrt{5} + 8\sqrt{5})] - 85 = ?$

- (a) 425
- (b) 412
- (c) 415
- (d) 417
- (e) 405

Q56. $\sqrt{10404} \times \sqrt{625} - (50)^2 = ?^2 - (5\sqrt{2})^2$

- (a) 9
- (b) 11
- (c) 12
- (d) 10
- (e) 13

Q57. $21 \times ? - 40\%$ of 1600 = $100 + 20\%$ of 500

- (a) 33
- (b) 40
- (c) 44
- (d) 45
- (e) 65

Q58. $\frac{4}{9} \times 45$ of ? = $75 + \sqrt{20\%$ of 125

- (a) 4
- (b) 5
- (c) 6
- (d) 7
- (e) 8

Q59. $5^2 + 110 + 15\% \text{ of } 400 - \sqrt{169} + 60 \times 4\frac{2}{5} = ?$

- (a) 447
- (b) 445
- (c) 546
- (d) 446
- (e) 464

Q60. $40\% \text{ of } 200 - 50\% \text{ of } 250 = 50 - ?$

- (a) 59
- (b) 95
- (c) 97
- (d) 98
- (e) 99

Q61. $(18)^2 + 220 + (9)^2 = (?)^2$

- (a) 28
- (b) 25
- (c) 36
- (d) 40
- (e) 32

Q62. $55\% \text{ of } 880 + 35\% \text{ of } 1200 + ? = \frac{4}{7} \text{ of } 2170$

- (a) 355
- (b) 384
- (c) 358
- (d) 336
- (e) 321

Q63. $\sqrt{361} + ? + 21^2 - \sqrt[3]{2197} = 1250$

- (a) 815
- (b) 812
- (c) 809
- (d) 805
- (e) 803

Q64. The speed of train is $26\frac{2}{3}\%$ more than the speed of car. Also, a bus covered a distance of 560 kms in 7 hours. The speed of bus is $\frac{4}{5}$ th the speed of car. How much distance will the train cover in 15 hours?

- (a) 1800 km
- (b) 1750 km
- (c) 1950 km
- (d) 1900 km
- (e) 1650 km

Q65. A sum of money lent at compound interest for 2 years at 20% per annum would fetch Rs.96.4 more interest, if the interest was payable half yearly, then find the sum?

- (a) Rs. 2,000
- (b) Rs. 2,500
- (c) Rs. 3,750
- (d) Rs. 4,250
- (e) Rs 4,000

Q66. A man went to market and purchased a fan of Rs.2000 and sold it at the loss of 20% . From that amount, he purchased a Chair and sold it at a profit of 20%. What is the amount of overall profit/loss made by him in whole dealing?

- (a) Rs.230
- (b) Rs.340
- (c) Rs.350
- (d) Rs.80
- (e) Rs.290

Q67. The salary of the workers of a factory increases by 10% per month. If the salary in January was Rs.5000, what will be his approximate salary in month March of the same year?

- (a) Rs.6000
- (b) Rs.7050
- (c) Rs.6050
- (d) Rs.5060
- (e) Rs.5000

Q68.A started a business investing Rs.45000. After 8 months B joined him with a capital of Rs.60000. At the end of the year the total profit was Rs.16900. What is the difference between the share of profit of A and B?

- (a) Rs.6000
- (b) Rs.5600
- (c) Rs.6200
- (d) Rs.6500
- (e) Rs.6300

Q69. The ratio between length and breadth of a rectangle is 6:5. What is the sum of double the length and one-fifth of the breadth of rectangle if its area is 270m^2 ?

- (a) 41m
- (b) 39m
- (c) 49m
- (d) 42m
- (e) 45m

Q70. Speed of motor boat in still water is 18kmph. If the motor boat travels 90km along the stream in 3hours, then find the time taken by it to cover the same distance against the stream.

- (a) 18 hours
- (b) 15 hours
- (c) 16 hours
- (d) 17 hours
- (e) 19 hours

Directions (71-78): Read the passage carefully and answer the given question based upon that.

The morning of June 27th was clear and sunny, with the fresh warmth of a full-summer day; the flowers were blossoming **profusely** and the grass was richly green. The people of the village Yorkshire began to gather in the square, between the post office and the bank, around ten o'clock; in some towns there were so many people that the lottery took two days, but in this village, where there were only about three hundred people, the whole lottery took less than two hours.

The children assembled first, of course. School was recently over for the summer, and the feeling of liberty sat uneasily on most of them. Though they gathered together quietly for a while, then they broke into rowdy behavior, and their talk was still of the classroom and the teacher, of books and reprimands. Bobby Martin had already stuffed his pockets full of stones, and the other boys soon followed his example, selecting the smoothest and roundest stones; Bobby and Harry Jones and Dickie Delacroix—the villagers pronounced this name "Dellacroy"—eventually made a great pile of stones in one corner of the square and guarded it against the raids of the other boys. The girls stood aside, talking among themselves, looking over their shoulders at the boys, and the very small children rolled in the dust or clung to the hands of their older brothers or sisters.

Soon the men began to gather, surveying their own children, speaking of planting and rain, tractors and taxes. They stood together, away from the pile of stones in the corner, and their jokes were quiet and they smiled rather than laughed. The women, wearing faded house dresses and sweaters, came shortly after their menfolk. They greeted one another and exchanged bits of conversation as they went to join their husbands. Soon the women, standing by their husbands, began to call to their children, and the children came **reluctantly**, having to be called four or five times.

The lottery was conducted—as were the square dances, the teen club, the Halloween program—by Mr. Summers, who had time and energy to devote to civic activities. He was a round-faced, friendly man and he ran the coal business, and people were sorry for him because he had no children and his wife was a scold. When he arrived in the square, carrying the black wooden box, there was a murmur of conversation among the villagers, and he waved and called. "Little late today, folks." The postmaster, Mr. Graves, followed him, carrying a three-legged stool, and the stool was put in the center of the square and Mr. Summers set the black box down on it. Mr. Summers said, "Some of you fellows want to give me a hand?" there was a hesitation before two men, Mr. Martin and his oldest son, Baxter, came forward to hold the box steady on the stool while Mr. Summers stirred up the papers inside it.

Q71. Why the villagers of Yorkshire gathered in square?

- (a) As they had a lottery session that was going to be held around 10 o'clock.
- (b) As they had an orchestral party to celebrate the village's centennial anniversary.
- (c) As a baron from nearby town was distributing free foods to celebrate the birth of his son.
- (d) As the villagers used to gather once in a month to resolve any kind of property dispute.
- (e) None of these

Q72. What was the behaviour of the children who were assembled in that village?

- (a) Though they were noisy at first, but they became quiet hearing the loud greeting of the speaker
- (b) They were reluctant to stand there for such a long duration.
- (c) They tended to gather together quietly for a while before they broke into boisterous play
- (d) They were gathered in a circle and laughing in a hysterical manner
- (e) None of these

Q73. Which of the following is TRUE as per the given passage?

- (a) Seeing Bobby Martin, other village boys also followed his act of collecting the smoothest and roundest stone.
- (b) Dickie Delacroix was being called “Dellacroy” by the villagers.
- (c) After exchanging pleasantries, the women joined their husbands in the gathered crowd.
- (d) Only (a) and (c)
- (e) All of these

Q74. How were the men behaving when they gathered for the lottery?

- (a) A stream of excitement was clearly visible among the men as they were discussing the potential of these lotteries.
- (b) Throughout the duration, they were standing there quietly.
- (c) They were standing there with their wives and watching their children playing in a ruckus manner.
- (d) They were standing together, conversing on plants, tractor, taxes, and smiling lightly.
- (e) They came in a very small number and were inattentive throughout the duration.

Q75. Which of the following is FALSE about Mr. Summers?

- (a) He actively participated in civic activities
- (b) Many a times he got cranky on trivial matters.
- (c) His wife was a shrew and he had no child.
- (d) He owned a coal business.
- (e) All are correct

Q76. What was people’s reaction on Mr. summers’s appeal of help during the lottery?

- (a) There was a reluctance before Mr. Martin and his son came for help
- (b) People started to murmur among themselves as clearly nobody was willing to proceed
- (c) There was a visible eagerness among the people as many raised their hands to participate in it.
- (d) Only (a) and (b)
- (e) None of these

Q77. Which of the given words can replace “profusely**” highlighted in the passage?**

- (a) copiously
- (b) timidly
- (c) vehemently
- (d) spuriously
- (e) sporadically

Q78. Which of the following words can be termed as the opposite of “reluctantly” as mentioned in the passage?

- (a) aversely
- (b) elatedly
- (c) deludedly
- (d) haggardly
- (e) None of these

Directions (79-81): Each question is divided into four parts, in which one part may have an error. Choose the incorrect part as your answer. If all the parts are correct, choose the option “No Error” as your answer.

Q79. Despite economic strains in the past (A)/ Sri Lanka had maintained an unblemished record (B)/ of debt servicing that make the country (C)/ a favorable partner for creditors(D)/ No Error (E).

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

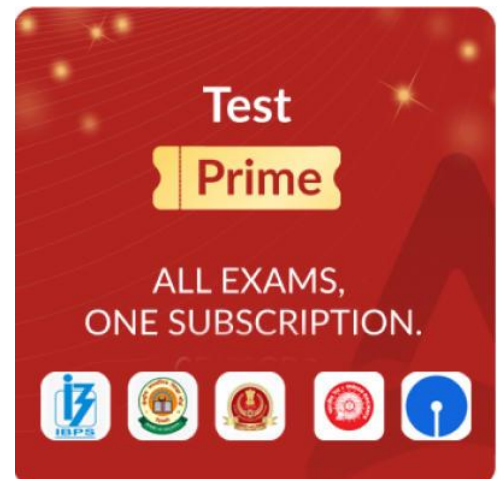
Q80. India’s public health services have(A)/ a bad name, but (B)/they are improving, and (C)/ they can improve more (D)/ No Error (E).

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

Q81. The Vice-Chancellor conveyed (A)/ that no violence will be tolerate(B)/ on campus and appealed to (C)students to maintain peace and harmony(D)/ No Error (E)

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

Directions (82-86): In the given passage few words are omitted which followed by a blank and a number. Corresponding to each number few options are given. Choose the correct word from the given options that can fit into the respective blank without altering the meaning.



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IBPS, IAS, UPSC, SSC, RAILWAY, BANK, POLICE, JEE, NEET, STATE EXAMS

Q82. Evidence on Early Childhood Education (ECE) suggests that children who _____ **(82)** in early and play-based learning activities have better _____ **(83)** outcomes than those who don't. The National Early Childhood Care and Education Curriculum Framework in 2013 _____ **(84)** a 'play-way' curriculum in all Anganwadi Centres (AWCs) and preschools. In 2018, the government launched the 'Transformation of Aspirational Districts' initiative. One of the _____ **(85)** involved capacity building, improving infrastructure, and nurturing a child-centric environment in the AWCs of these districts. The National Education Policy (NEP), 2020, _____ **(86)** universalizing Early Childhood Care and Education through Anganwadis. However, the advent of COVID-19 led to an abrupt halt in ECE services and progress.

- (a) transcribe
- (b) sabotage
- (c) wishes
- (d) engage
- (e) participates

Q83. Evidence on Early Childhood Education (ECE) suggests that children who _____ **(82)** in early and play-based learning activities have better _____ **(83)** outcomes than those who don't. The National Early Childhood Care and Education Curriculum Framework in 2013 _____ **(84)** a 'play-way' curriculum in all Anganwadi Centres (AWCs) and preschools. In 2018, the government launched the 'Transformation of Aspirational Districts' initiative. One of the _____ **(85)** involved capacity building, improving infrastructure, and nurturing a child-centric environment in the AWCs of these districts. The National Education Policy (NEP), 2020, _____ **(86)** universalizing Early Childhood Care and Education through Anganwadis. However, the advent of COVID-19 led to an abrupt halt in ECE services and progress.

- (a) excessive
- (b) development
- (c) fundamental
- (d) judgmental
- (e) oriental

Q84. Evidence on Early Childhood Education (ECE) suggests that children who _____ **(82)** in early and play-based learning activities have better _____ **(83)** outcomes than those who don't. The National Early Childhood Care and Education Curriculum Framework in 2013 _____ **(84)** a 'play-way' curriculum in all Anganwadi Centres (AWCs) and preschools. In 2018, the government launched the 'Transformation of Aspirational Districts' initiative. One of the _____ **(85)** involved capacity building, improving infrastructure, and nurturing a child-centric environment in the AWCs of these districts. The National Education Policy (NEP), 2020, _____ **(86)** universalizing Early Childhood Care and Education through Anganwadis. However, the advent of COVID-19 led to an abrupt halt in ECE services and progress.

- (a) mandated
- (b) lamented
- (c) arbitrated
- (d) bequeathed
- (e) cultivated

Q85. Evidence on Early Childhood Education (ECE) suggests that children who _____ **(82)** in early and play-based learning activities have better _____ **(83)** outcomes than those who don't. The National Early Childhood Care and Education Curriculum Framework in 2013 _____ **(84)** a 'play-way' curriculum in all Anganwadi Centres (AWCs) and preschools. In 2018, the government launched the 'Transformation of Aspirational Districts' initiative. One of the _____ **(85)** involved capacity building, improving infrastructure, and nurturing a child-centric environment in the AWCs of these districts. The National Education Policy (NEP), 2020, _____ **(86)** universalizing Early Childhood Care and Education through Anganwadis. However, the advent of COVID-19 led to an abrupt halt in ECE services and progress.

- (a) factor
- (b) components
- (c) series
- (d) discord
- (e) commissions

Q86. Evidence on Early Childhood Education (ECE) suggests that children who _____ **(82)** in early and play-based learning activities have better _____ **(83)** outcomes than those who don't. The National Early Childhood Care and Education Curriculum Framework in 2013 _____ **(84)** a 'play-way' curriculum in all Anganwadi Centres (AWCs) and preschools. In 2018, the government launched the 'Transformation of Aspirational Districts' initiative. One of the _____ **(85)** involved capacity building, improving infrastructure, and nurturing a child-centric environment in the AWCs of these districts. The National Education Policy (NEP), 2020, _____ **(86)** universalizing Early Childhood Care and Education through Anganwadis. However, the advent of COVID-19 led to an abrupt halt in ECE services and progress.

- (a) subsume
- (b) enquires
- (c) envisions
- (d) limit
- (e) remark

Directions (87-90): In each of the questions given below, a statement with a highlighted phrase is given. Choose the most appropriate phrase(s) from the given options which could replace the highlighted phrase to make the statement grammatically and contextually correct. If the highlighted phrase is correct then choose option "No replacement required" as your response.

Q87. The invasion of Ukraine **has significantly dampen** post-COVID recovery prospects

- (i) has significantly dampened
- (ii) have significantly dampened
- (iii) had significantly dampened
- (a) All of these
- (b) Only (iii)
- (c) Both (ii) & (iii)
- (d) Both (i) & (iii)
- (e) No replacement required

Q88. Retirement is a regulated administrative matter **in both the public or** private sectors.

- (i) either in the public and
 - (ii) in public as well as in
 - (iii) in both public and
- (a) Only (iii)
 - (b) Only (ii)
 - (c) Both (ii) & (iii)
 - (d) Both (i) & (iii)
 - (e) No replacement required

Q89. The telescope **will give us new knowledges** about the origins of the universe.

- (i) will give us new knowledge
 - (ii) gives us new knowledge
 - (iii) will giving us new knowledge
- (a) Both (i) & (ii)
 - (b) Only (ii)
 - (c) Both (ii) & (iii)
 - (d) Both (i) & (iii)
 - (e) No replacement required

Q90. India's strategic future **is also inextricably linked** with Russia.

- (i) are also inextricably linked
 - (ii) is also inextricable linked
 - (iii) is also inextricably link
- (a) All of these
 - (b) Only (iii)
 - (c) Both (ii) & (iii)
 - (d) Both (i) & (iii)
 - (e) No replacement required

Directions (91-95): In the following question, sentences are given with four words in bold. The given words in the bold may be contextually incorrect or may not be correctly spelled. The incorrect word will be your answer. If the words are correct then select 'All are correct' as your answer.

Q91. There was no **dearth** of Ayurvedic **medicines** to **allaviate** pain in the **patients** suffering from cancer

- (a) dearth
- (b) medicines
- (c) allaviate
- (d) patients
- (e) All are correct

Q92. The TRAI's **reccommendations** on the **auction** of airwaves **identified** for 5G services have triggered **disappointment** within the industry

- (a) reccommendations
- (b) auction
- (c) identified
- (d) disappointment
- (e) All are correct

Q93. Everyone can see the extreme **deprivation** caused to Sri Lanka's people due to the **absence** of their **staple** food at an **effordable** price in the market .

- (a) deprivation
- (b) absence
- (c) staple
- (d) effordable
- (e) All are correct

Q94. **Mankind** has been **shaped** by various **anceint civilisations**

- (a) mankind
- (b) shaped
- (c) anceint
- (d) civilisations
- (e) All are correct

Q95. The political **confrontation** between two **leaders** in the second **round** of the **presidentail** election is far from being a done deal.

- (a) confrontation
- (b) leaders
- (c) round
- (d) presidentail
- (e) All are correct

Directions (96-100): Rearrange the given sentence (A), (B), (C), (D), and (E) to form a meaningful paragraph and answer the questions that follow.

(A) The study also found that corruption affects the happiness of 43.2 per cent Indians with men having lower perception of corruption than women

(B) A key indicator for subjective well-being, the score reflects that India is doing better than the average life-evaluation scores in other happiness studies, it said.

(C) HappyPlus Consulting's India-focussed State of Happiness' report has found that Indians are happier than before and the country's life-evaluation score is 6.84

(D) The study claims Himachal Pradesh, Punjab, Uttarakhand, Kerala, Maharashtra, Tamil Nadu, Puducherry, Chandigarh, Delhi and Goa are among the places with high happiness ranking in the country

(E) The study had a sample size of 20,073 interviewees across 28 states and eight Union Territories in India.

Q96. Which of the following will be the **FIRST** sentence of the rearranged paragraph?

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

Q97. Which of the following will be the **LAST** sentence of the rearranged paragraph?

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

Q98. Which of the following will be the **THIRD** sentence of the rearranged paragraph?

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

Q99. Which of the following will be the **SECOND** sentence of the rearranged paragraph?

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

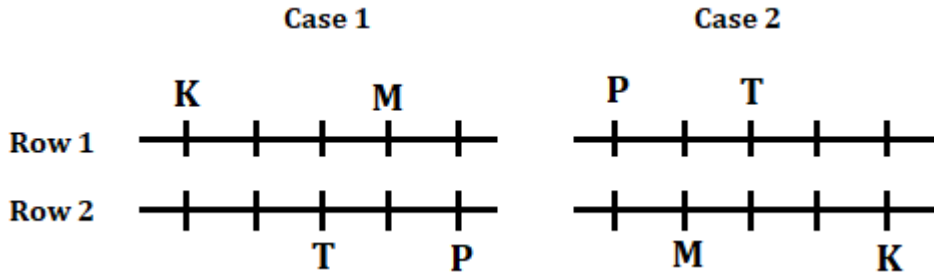
Q100. Which of the following will be the **FOURTH** sentence of the rearranged paragraph?

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

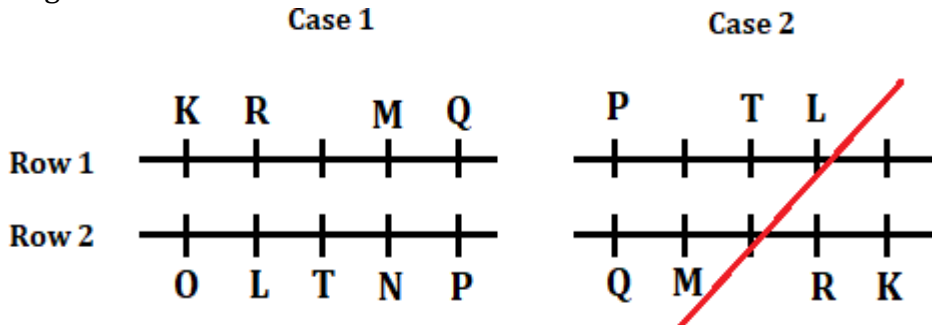
Solutions

S1. Ans.(c)

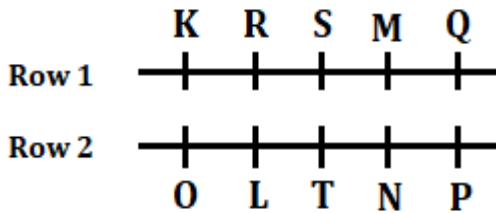
Sol. P and K sits diagonally opposite to each other. The person sits second to the left of K faces T. There are two possible cases. Two persons sit between K and M.



R and L face each other. Q sits third to the left of R. N will face in north and sits at one of the positions to the right of O. Case 2 will eliminate here.



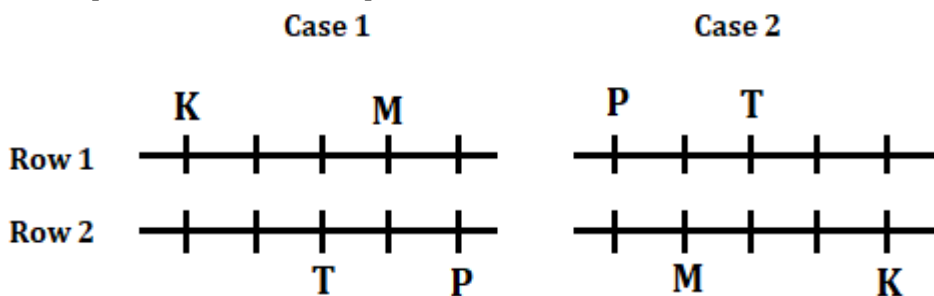
S is one of the persons. So, the remaining person is S who will sit in row 1. So, the final arrangement is:



Q sits second to the left of S.

S2. Ans.(b)

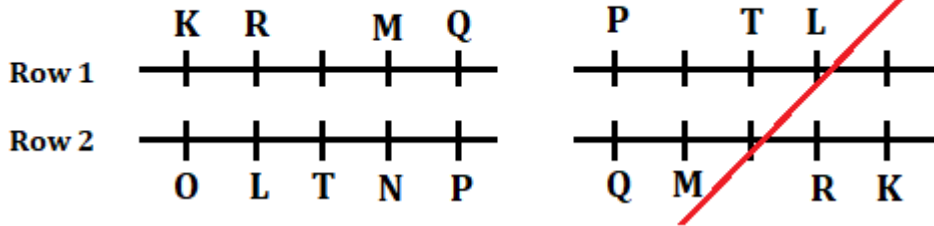
Sol. P and K sits diagonally opposite to each other. The person sits second to the left of K faces T. There are two possible cases. Two persons sit between K and M.



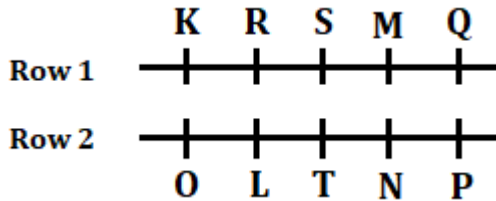
R and L face each other. Q sits third to the left of R. N will face in north and sits at one of the positions to the right of O. Case 2 will eliminate here.

Case 1

Case 2



S is one of the persons. So, the remaining person is S who will sit in row 1. So, the final arrangement is:



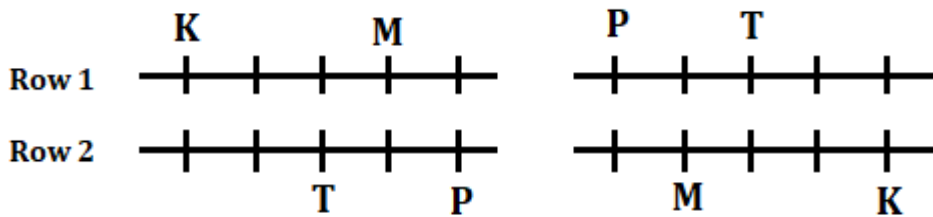
K sits opposite to O.

S3. Ans.(c)

Sol. P and K sits diagonally opposite to each other. The person sits second to the left of K faces T. There are two possible cases. Two persons sit between K and M.

Case 1

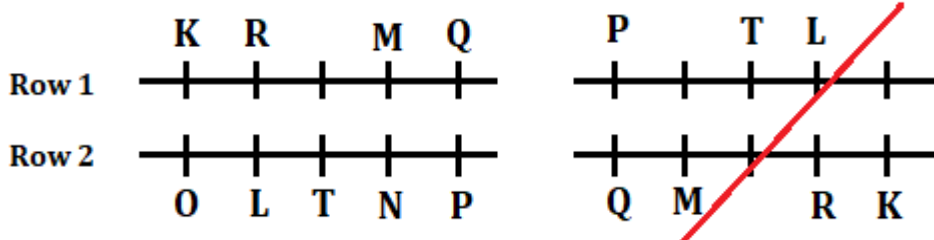
Case 2



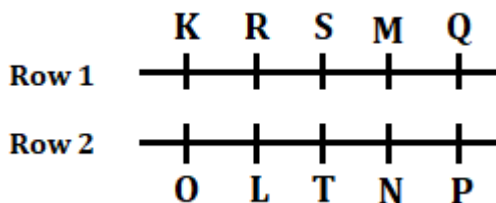
R and L face each other. Q sits third to the left of R. N will face in north and sits at one of the positions to the right of O. Case 2 will eliminate here.

Case 1

Case 2



S is one of the persons. So, the remaining person is S who will sit in row 1. So, the final arrangement is:



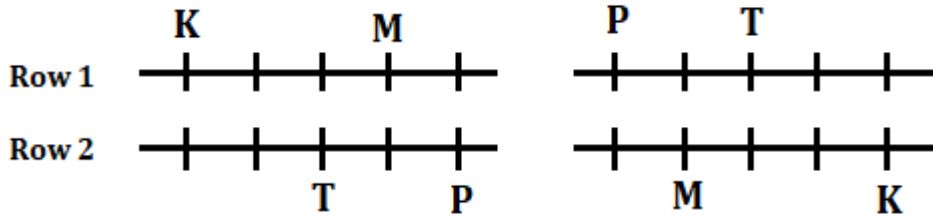
Except L, all persons sit at the ends of the row.

S4. Ans.(e)

Sol. P and K sits diagonally opposite to each other. The person sits second to the left of K faces T. There are two possible cases. Two persons sit between K and M.

Case 1

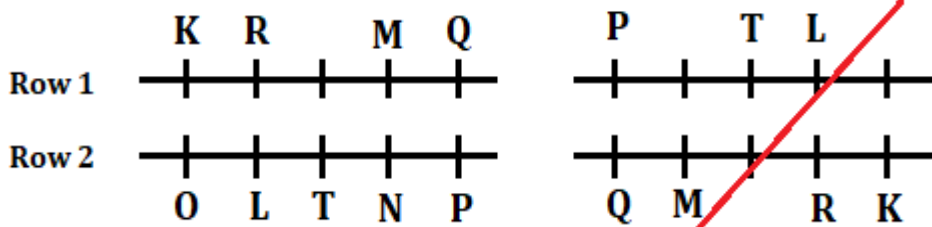
Case 2



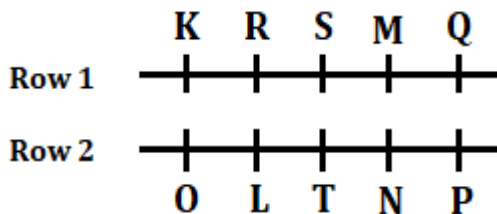
R and L face each other. Q sits third to the left of R. N will face in north and sits at one of the positions to the right of O. Case 2 will eliminate here.

Case 1

Case 2



S is one of the persons. So, the remaining person is S who will sit in row 1. So, the final arrangement is:



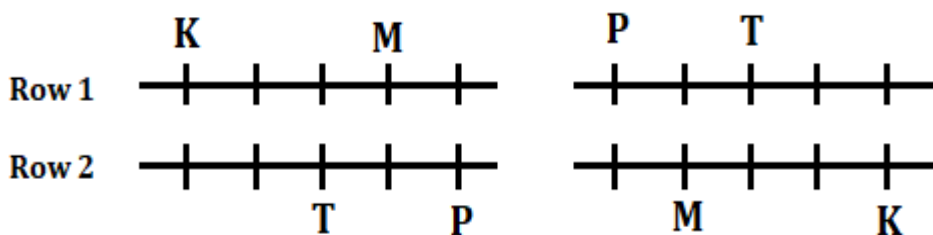
N and P will sit in same row.

S5. Ans.(a)

Sol. P and K sits diagonally opposite to each other. The person sits second to the left of K faces T. There are two possible cases. Two persons sit between K and M.

Case 1

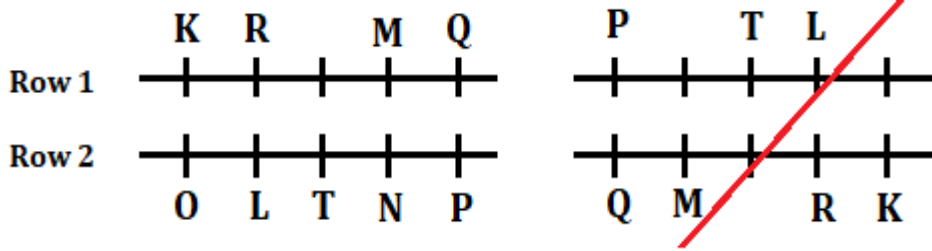
Case 2



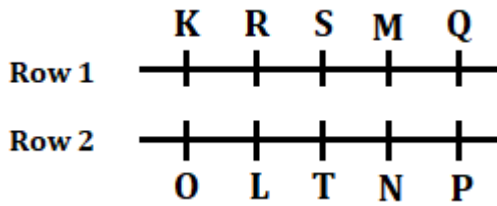
R and L face each other. Q sits third to the left of R. N will face in north and sits at one of the positions to the right of O. Case 2 will eliminate here.

Case 1

Case 2



S is one of the persons. So, the remaining person is S who will sit in row 1. So, the final arrangement is:



R sits immediate right to S.

S6. Ans.(a)

Sol.

Words	Codes
Intel	ht
Core	st
Inside	nt
Launch	mt
Latest	pt
Design	qt
Version	dt
CPU	ut

'mt' is the code for 'launch'.

S7. Ans.(b)

Sol.

Words	Codes
Intel	ht
Core	st
Inside	nt
Launch	mt
Latest	pt
Design	qt
Version	dt
CPU	ut

'st' is the code for 'core'.

S8. Ans.(d)

Sol.

Words	Codes
Intel	ht
Core	st
Inside	nt
Launch	mt
Latest	pt
Design	qt
Version	dt
CPU	ut

'ut qt' will be the code for 'CPU design'.

S9. Ans.(b)

Sol.

Words	Codes
Intel	ht
Core	st
Inside	nt
Launch	mt
Latest	pt
Design	qt
Version	dt
CPU	ut

'mt' is the code for 'launch'.

S10. Ans.(e)

Sol. X visits four month before T. Four persons visits between X and V. The number of persons visit before V is same as the number of persons visit after R. There are two possible cases.

Months	Persons	
	Case 1	Case 2
March	R	X
April		
May	X	R
June		
July		T
August		V
September	T	
October	V	

S visits in the month with even number of days. W visits on one of the days before S and after U. Case 1 will eliminate here.

Months	Persons	
	Case 1	Case 2
March	R	X
April	W	U
May	X	R
June	S	W
July		T
August		V
September	T	S
October	Y	

Now, the remaining person is Y who will visit the office in October. So, the final arrangement is:

Months	Persons
March	X
April	U
May	R
June	W
July	T
August	V
September	S
October	Y

Y visits the ADDA 247 office at last.

S11. Ans.(b)

Sol. X visits four month before T. Four persons visits between X and V. The number of persons visit before V is same as the number of persons visit after R. There are two possible cases.

Months	Persons	
	Case 1	Case 2
March	R	X
April		
May	X	R
June		
July		T
August		V
September	T	
October	V	

S visits in the month with even number of days. W visits on one of the days before S and after U. Case 1 will eliminate here.

Months	Persons	
	Case 1	Case 2
March	R	X
April	W	U
May	X	R
June	S	W
July		T
August		V
September	T	S
October	Y	

Now, the remaining person is Y who will visit the office in October. So, the final arrangement is:

Months	Persons
March	X
April	U
May	R
June	W
July	T
August	V
September	S
October	Y

Two persons visit between T and U.

S12. Ans.(d)

Sol. X visits four month before T. Four persons visits between X and V. The number of persons visit before V is same as the number of persons visit after R. There are two possible cases.

Months	Persons	
	Case 1	Case 2
March	R	X
April		
May	X	R
June		
July		T
August		V
September	T	
October	V	

S visits in the month with even number of days. W visits on one of the days before S and after U. Case 1 will eliminate here.

Months	Persons	
	Case 1	Case 2
March	R	X
April	W	U
May	X	R
June	S	W
July		T
August		V
September	T	S
October	V	

Now, the remaining person is Y who will visit the office in October. So, the final arrangement is:

Months	Persons
March	X
April	U
May	R
June	W
July	T
August	V
September	S
October	Y

T Visits in July.

S13. Ans.(e)

Sol. X visits four month before T. Four persons visits between X and V. The number of persons visit before V is same as the number of persons visit after R. There are two possible cases.

Months	Persons	
	Case 1	Case 2
March	R	X
April		
May	X	R
June		
July		T
August		V
September	T	
October	V	

S visits in the month with even number of days. W visits on one of the days before S and after U. Case 1 will eliminate here.

Months	Persons	
	Case 1	Case 2
March	R	X
April	W	U
May	X	R
June	S	W
July		T
August		V
September	T	S
October	V	

Now, the remaining person is Y who will visit the office in October. So, the final arrangement is:

Months	Persons
March	X
April	U
May	R
June	W
July	T
August	V
September	S
October	Y

Only combination in option (e) is correct.

S14. Ans.(c)

Sol. X visits four month before T. Four persons visits between X and V. The number of persons visit before V is same as the number of persons visit after R. There are two possible cases.

Months	Persons	
	Case 1	Case 2
March	R	X
April		
May	X	R
June		
July		T
August		V
September	T	
October	V	

S visits in the month with even number of days. W visits on one of the days before S and after U. Case 1 will eliminate here.

Months	Persons	
	Case 1	Case 2
March	R	X
April	W	U
May	X	R
June	S	W
July		T
August		V
September	T	S
October	Y	

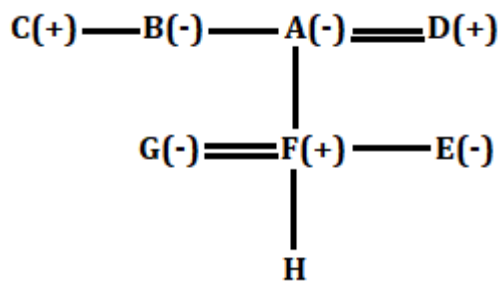
Now, the remaining person is Y who will visit the office in October. So, the final arrangement is:

Months	Persons
March	X
April	U
May	R
June	W
July	T
August	V
September	S
October	Y

Two persons visit before R.

S15. Ans.(a)

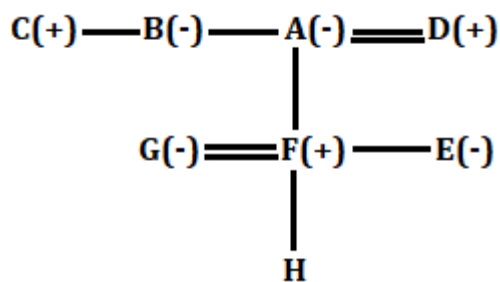
Sol.



F is the father of H.

S16. Ans.(d)

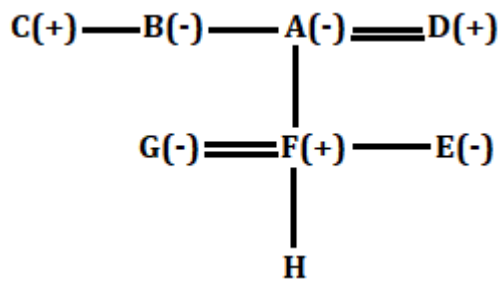
Sol.



C is brother-in-law of D.

S17. Ans.(e)

Sol.

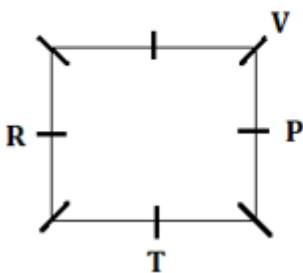


H could be either granddaughter or grandson of D. So, we cannot determine the definite relation between them.

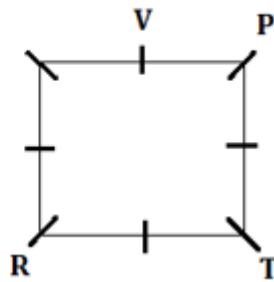
S18. Ans.(d)

Sol. R sits second to the left of T. There are two possible cases. Two persons sit between R and V. P sits just left of V.

Case 1

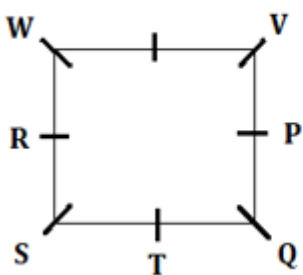


Case 2

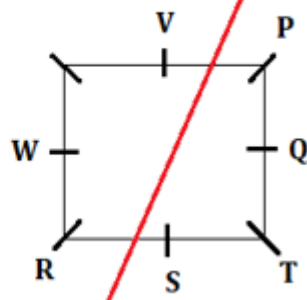


The number of persons sits between R and P is same as the number of persons sits between Q and W. S sits second to the right of W but does not sit at any side of table. Case 2 will eliminate here.

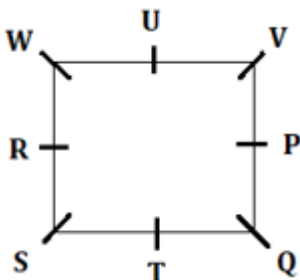
Case 1



Case 2



U is one of the members. So, the final arrangement is:

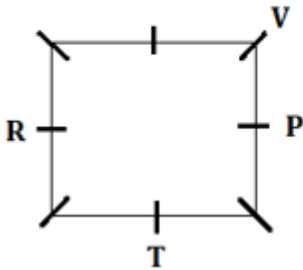


T faces U.

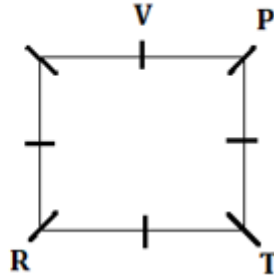
S19. Ans.(a)

Sol. R sits second to the left of T. There are two possible cases. Two persons sit between R and V. P sits just left of V.

Case 1

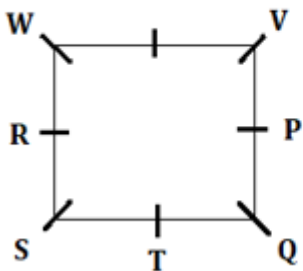


Case 2

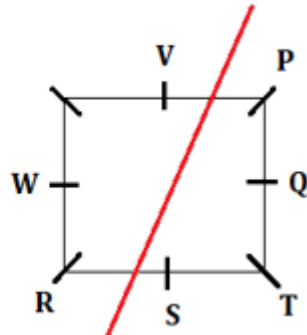


The number of persons sits between R and P is same as the number of persons sits between Q and W. S sits second to the right of W but does not sit at any side of table. Case 2 will eliminate here.

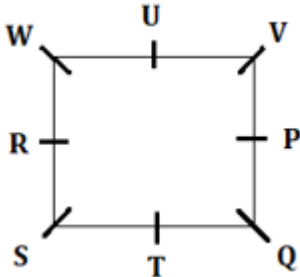
Case 1



Case 2



U is one of the members. So, the final arrangement is:

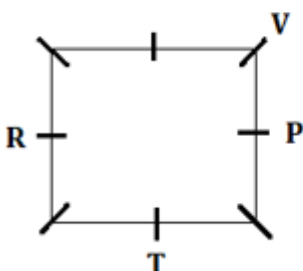


One person sits between Q and V when counted to the right of Q.

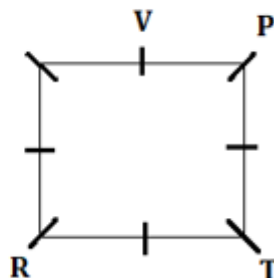
S20. Ans.(c)

Sol. R sits second to the left of T. There are two possible cases. Two persons sit between R and V. P sits just left of V.

Case 1

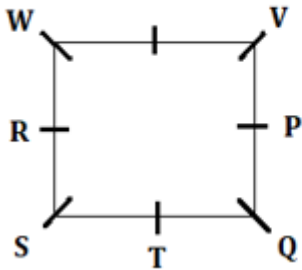


Case 2

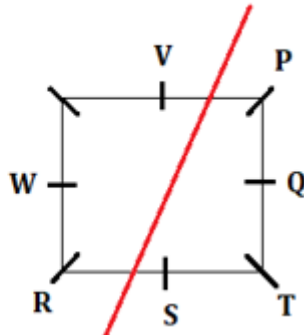


The number of persons sits between R and P is same as the number of persons sits between Q and W. S sits second to the right of W but does not sit at any side of table. Case 2 will eliminate here.

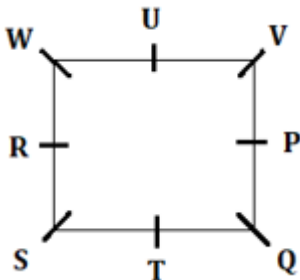
Case 1



Case 2



U is one of the members. So, the final arrangement is:

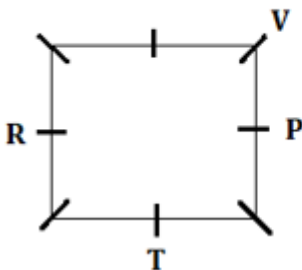


T sits third to the right of W.

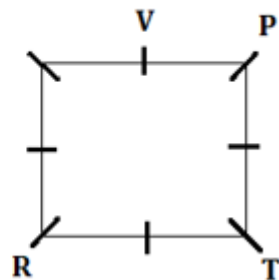
S21. Ans.(a)

Sol. R sits second to the left of T. There are two possible cases. Two persons sit between R and V. P sits just left of V.

Case 1

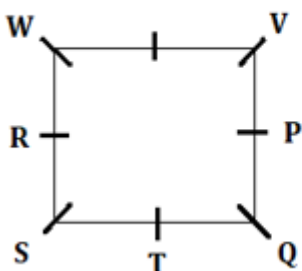


Case 2

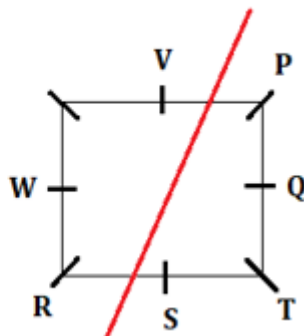


The number of persons sits between R and P is same as the number of persons sits between Q and W. S sits second to the right of W but does not sit at any side of table. Case 2 will eliminate here.

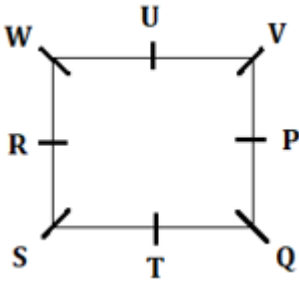
Case 1



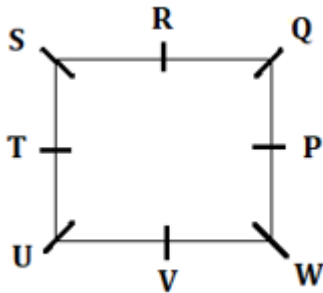
Case 2



U is one of the members. So, the final arrangement is:



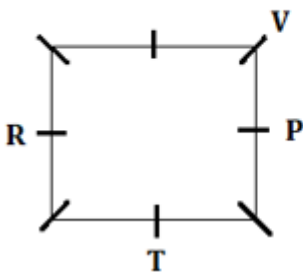
In the new arrangement, V will sit opposite to R.



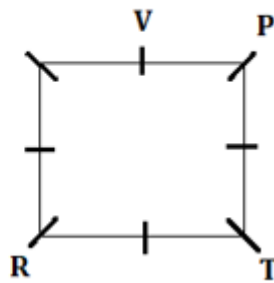
S22. Ans.(c)

Sol. R sits second to the left of T. There are two possible cases. Two persons sit between R and V. P sits just left of V.

Case 1

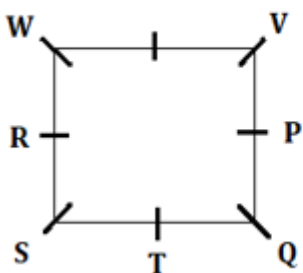


Case 2

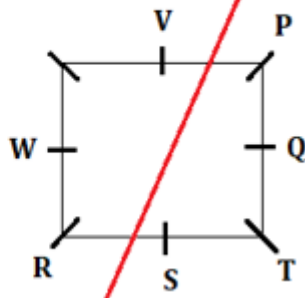


The number of persons sits between R and P is same as the number of persons sits between Q and W. S sits second to the right of W but does not sit at any side of table. Case 2 will eliminate here.

Case 1



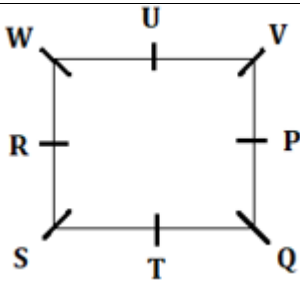
Case 2



U is one of the members. So, the final arrangement is:

Test Prime

ALL EXAMS,
ONE SUBSCRIPTION.



P sits just right of Q.

S23. Ans.(b)

Sol. 11th to the left of 7th from right end = 18th from right end = E

S24. Ans.(d)

Sol. First half series = 3 S 6 4 C Z V 9 5 A F M 2 K E 6

S25. Ans.(a)

Sol. "5 A"

S26. Ans.(c)

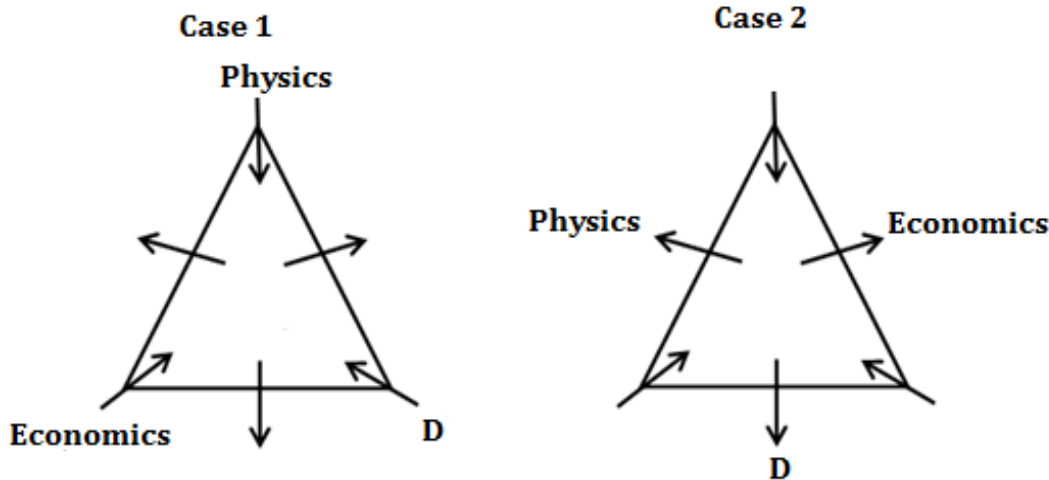
Sol. M 2 K, E 6 G, A 4 B, B 5 L

S27. Ans.(c)

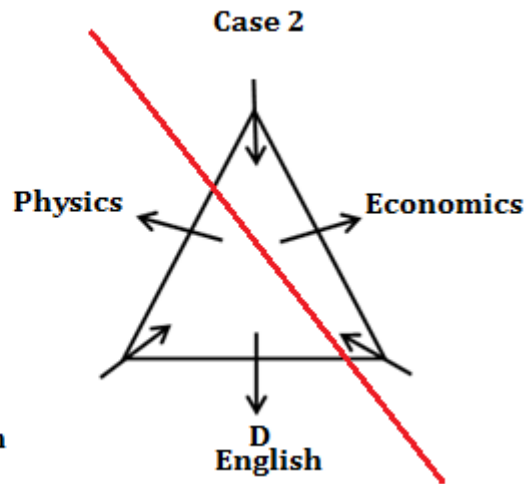
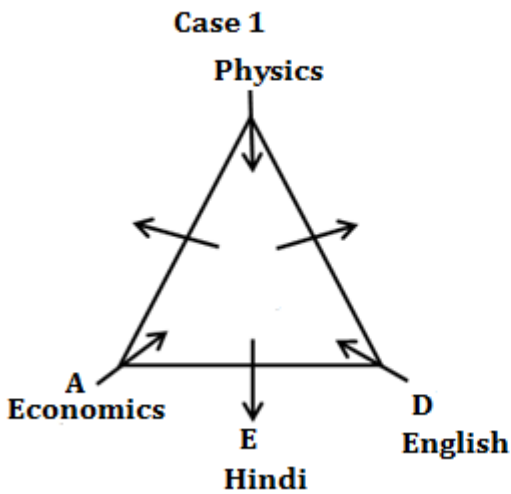
Sol. 8th number from left = 4

S28. Ans.(a)

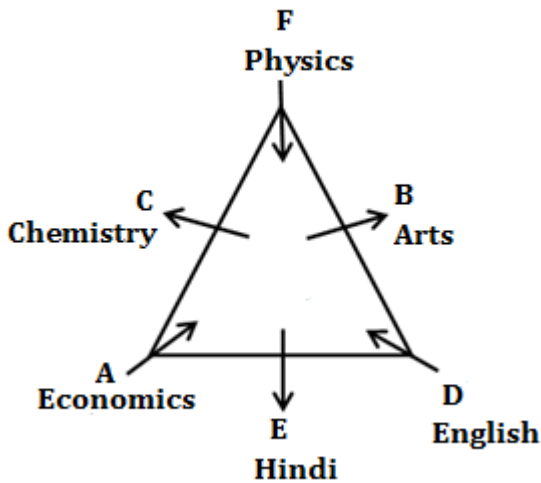
Sol. The one who likes Economics sits second to the left of D. Here we have two possible cases. The one who likes physics sits second to the right of D.



The one who likes English sits neither adjacent to the one who likes physics nor adjacent to the one who likes Economics. E likes Hindi and doesn't sit at the corner. So, case 2 gets eliminated here. E sits to the immediate right of A who doesn't like physics.



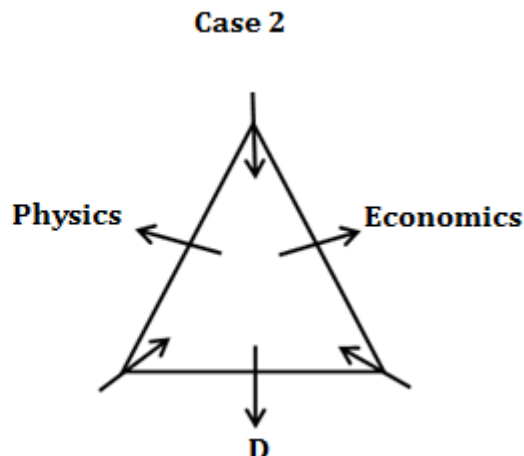
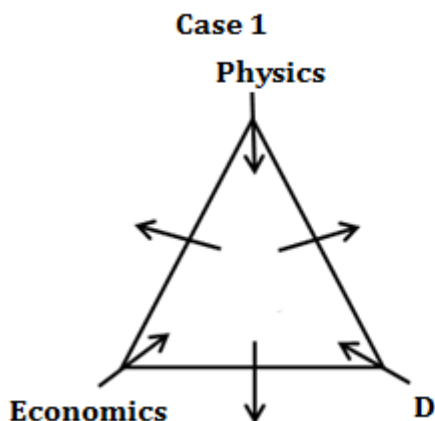
B sits second to the right of the one who likes chemistry which means B likes Arts. F doesn't like Chemistry which means F likes Physics and C likes Chemistry. So, case 1 shows the final arrangement.



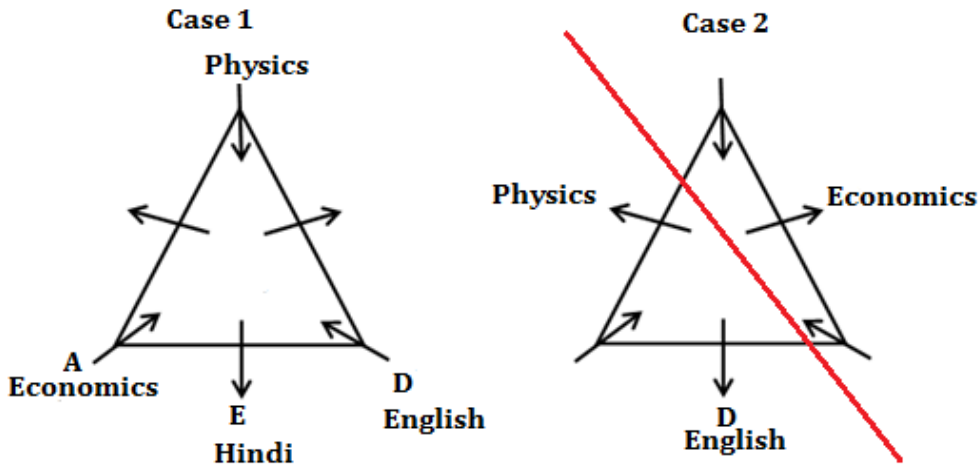
Statement I and statement II are true.

S29. Ans.(c)

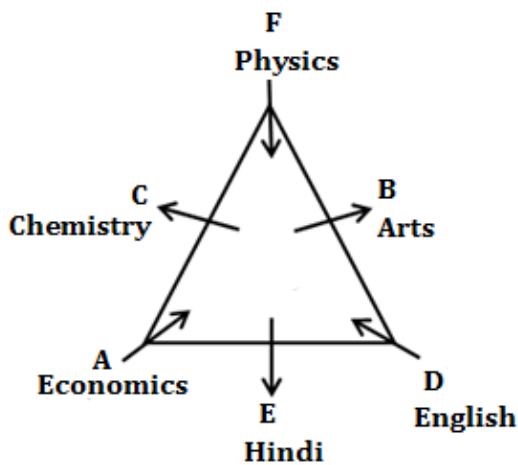
Sol. The one who likes Economics sits second to the left of D. Here we have two possible cases. The one who likes physics sits second to the right of D.



The one who likes English sits neither adjacent to the one who likes physics nor adjacent to the one who likes Economics. E likes Hindi and doesn't sit at the corner. So, case 2 gets eliminated here. E sits to the immediate right of A who doesn't like physics.



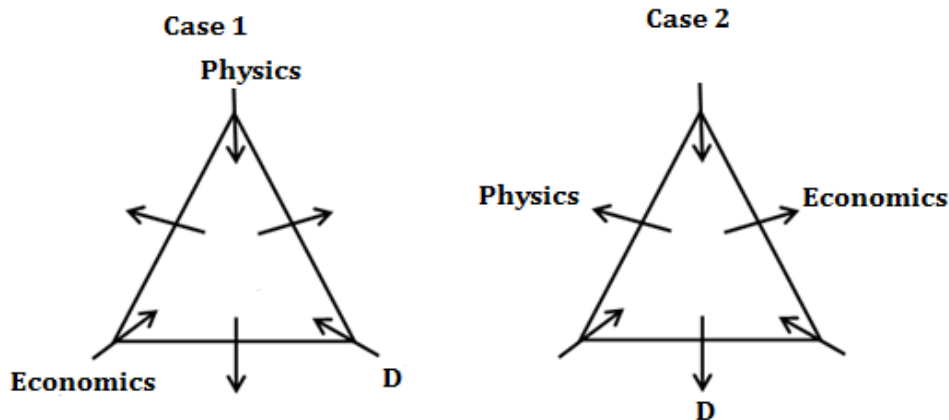
B sits second to the right of the one who likes chemistry which means B likes Arts. F doesn't like Chemistry which means F likes Physics and C likes Chemistry. So, case 1 shows the final arrangement.



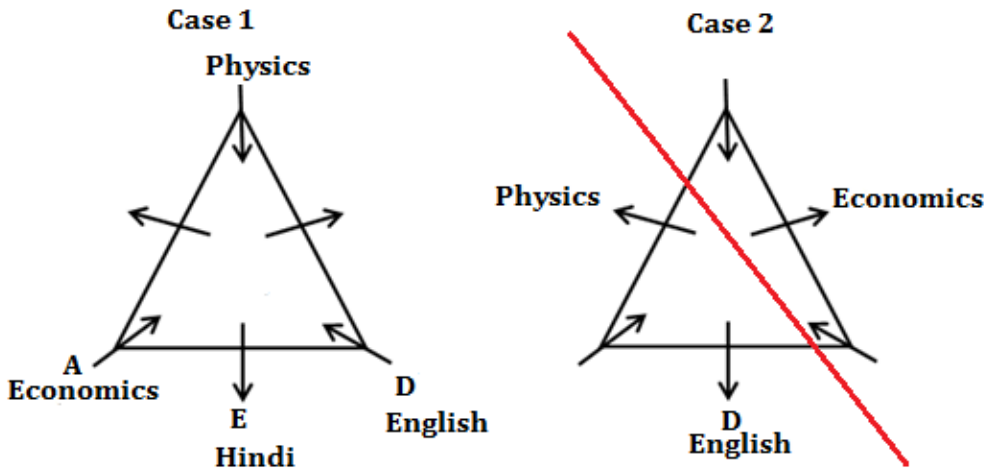
C likes chemistry is the correct combination.

S30. Ans.(d)

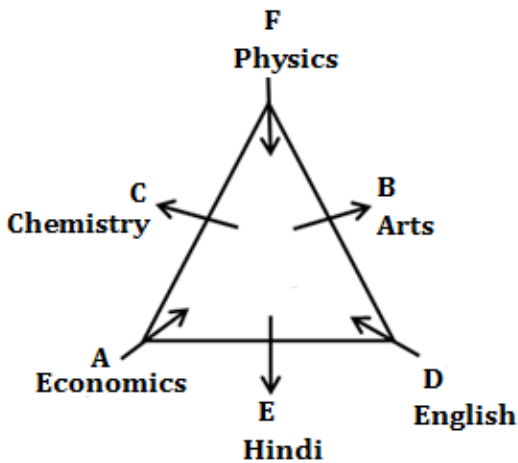
Sol. The one who likes Economics sits second to the left of D. Here we have two possible cases. The one who likes physics sits second to the right of D.



The one who likes English sits neither adjacent to the one who likes physics nor adjacent to the one who likes Economics. E likes Hindi and doesn't sit at the corner. So, case 2 gets eliminated here. E sits to the immediate right of A who doesn't like physics.



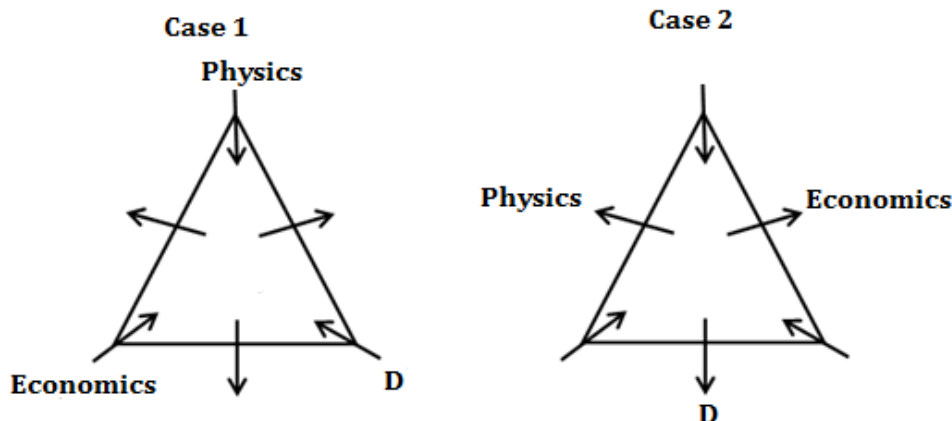
B sits second to the right of the one who likes chemistry which means B likes Arts. F doesn't like Chemistry which means F likes Physics and C likes Chemistry. So, case 1 shows the final arrangement.



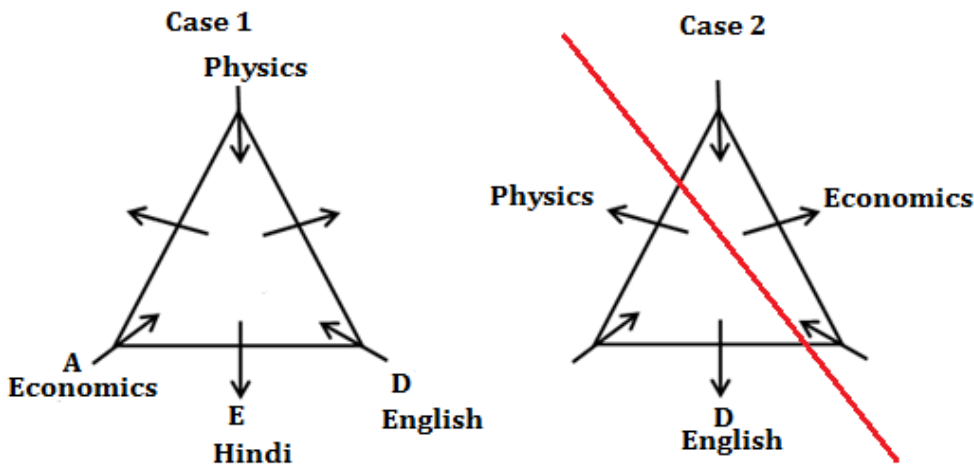
Four persons sit between F and the one who likes Arts when counted to the right of F.

S31. Ans.(e)

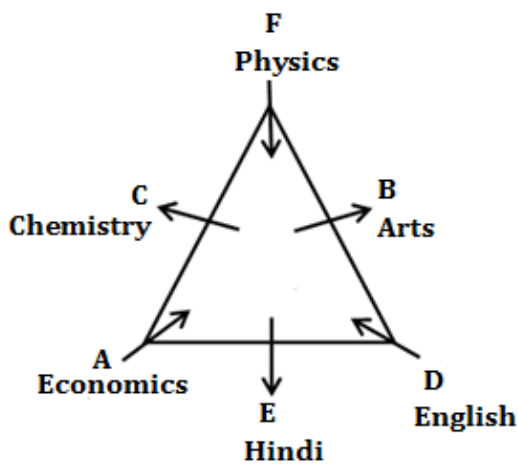
Sol. The one who likes Economics sits second to the left of D. Here we have two possible cases. The one who likes physics sits second to the right of D.



The one who likes English sits neither adjacent to the one who likes physics nor adjacent to the one who likes Economics. E likes Hindi and doesn't sit at the corner. So, case 2 gets eliminated here. E sits to the immediate right of A who doesn't like physics.



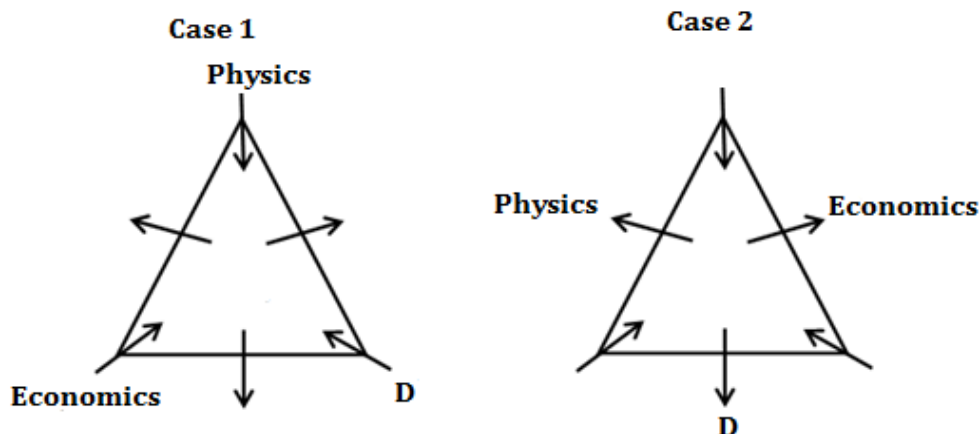
B sits second to the right of the one who likes chemistry which means B likes Arts. F doesn't like Chemistry which means F likes Physics and C likes Chemistry. So, case 1 shows the final arrangement.



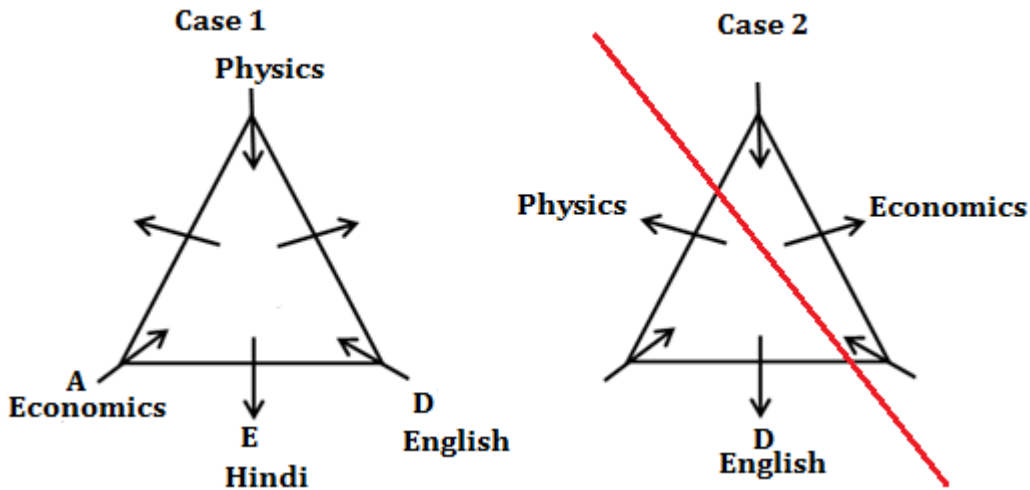
Except B-A, both the persons will sit adjacent to each other while B and A sits opposite to each other.

S32. Ans.(b)

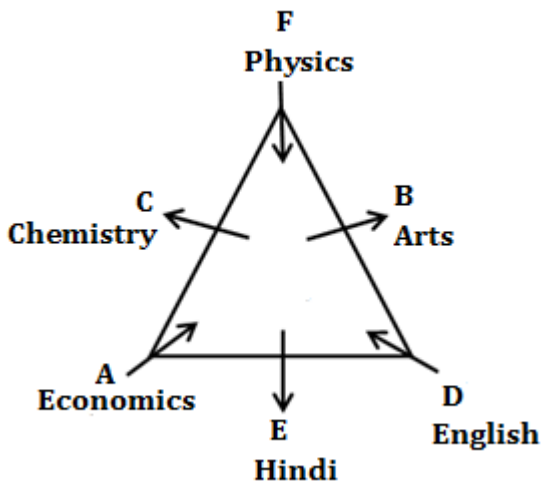
Sol. The one who likes Economics sits second to the left of D. Here we have two possible cases. The one who likes physics sits second to the right of D.



The one who likes English sits neither adjacent to the one who likes physics nor adjacent to the one who likes Economics. E likes Hindi and doesn't sit at the corner. So, case 2 gets eliminated here. E sits to the immediate right of A who doesn't like physics.



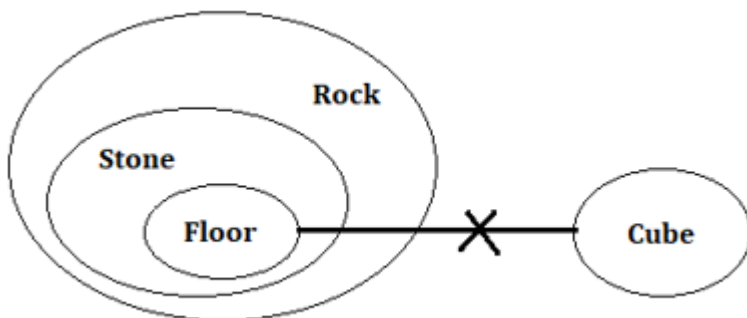
B sits second to the right of the one who likes chemistry which means B likes Arts. F doesn't like Chemistry which means F likes Physics and C likes Chemistry. So, case 1 shows the final arrangement.



A sits third to the left of the one who likes Arts.

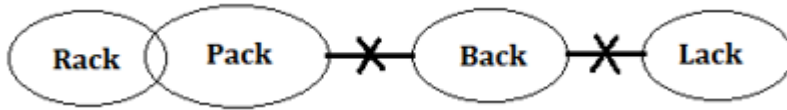
S33. Ans.(a)

Sol.



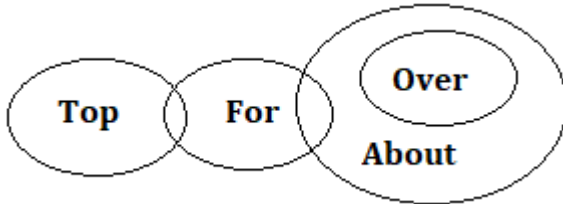
S34. Ans.(b)

Sol.



S35. Ans.(b)

Sol.



S36. Ans.(b)

Sol.

$$\text{Total number of players who play football} = \frac{10}{100} \times 4000 = 400$$

$$\text{Total number of players who play Golf} = \frac{13}{100} \times 4000 = 520$$

$$\text{So, Total number of players who play football and golf together} = 400 + 520 = 920$$

Or

$$13+10 = 23\%$$

$$23\% \text{ of } 4000 = 920$$

S37. Ans.(b)

Sol.

$$\text{Total number of players who play cricket} = \frac{35}{100} \times 4000 = 35 \times 40 = 1400$$

$$\text{Total number of players who play football} = \frac{10}{100} \times 4000 = 400$$

$$\text{Required difference} = 1400 - 400 = 1000$$

Or

$$35\% - 10\% = 25\%$$

$$25\% \text{ of } 4000 = 1000$$

S38. Ans.(c)

Sol.

$$\text{Total number of players who play hockey} = \frac{25}{100} \times 4000 = 25 \times 40 = 1000$$

$$\text{Total number of players who play football} = \frac{10}{100} \times 4000 = 400$$

$$\text{So, required ratio} = 1000:400 = 5:2$$

OR

$$25\%:10\% = 5:2$$

S39. Ans.(a)

Sol.

Total number of players who play cricket = $\frac{35}{100} \times 4000 = 1400$

Let the male and female player be $3x$ and $4x$ respectively,

So, $7x = 1400$

And $x = 1400/7 = 200$

So, total male players who play cricket = $3x = 600$

S40. Ans.(b)

Sol.

Total number of players who play football = $\frac{10}{100} \times 4000 = 400$

Total number of players who play golf = $\frac{13}{100} \times 4000 = 520$

So, required% = $\frac{(520-400)}{400} \times 100 = \frac{120}{4} = 30\%$

S41. Ans.(b)

Sol.

Let Raman invest Rs.P at a rate of $r\%$ per annum in bank A.

$$\frac{P \times r \times 4}{100} = 100 \Rightarrow \frac{Pr}{25} = 100 \Rightarrow Pr = 2500 \dots \dots \dots (i)$$

In bank B he invests Rs.(P+100) at the rate of $2r\%$ per annum.

$$\frac{(P+100) \times 2r \times 5}{100} = 300$$

$$Pr + 100r = 3000$$

Using value from equation (i), we get

$$2500 + 100r = 3000 \Rightarrow 100r = 500 \Rightarrow r = 5\%$$

S42. Ans.(d)

Sol.

Let the present ages of Ragini and Ravi be $8x$ and $11x$ respectively,

Then, after 20years

$$\frac{8x+20}{11x+20} = \frac{4}{5} \Rightarrow 40x + 100 = 44x + 80 \Rightarrow 4x = 20 \Rightarrow x = 5$$

So, present age of Ragini = $8x = 40$ years and Ravi = $11x = 55$ years

After thirty five years, age of Ragini = $(40+35)=75$ years

And, age of Ravi = $(55+35) = 90$ years

So, required ratio = $75:90 = 5:6$

S43. Ans.(e)

Sol.

Speed of trains A = $\frac{150}{6} = 25m/sec$

And, trains B = $\frac{200}{20} = 10m/sec$

So, relative speed = $25+10= 35m/sec$

So, Time = $\frac{(150+200)}{35} = \frac{350}{35} = 10sec.$

S44. Ans.(b)

Sol.

Let the total work be 80units

A does $\frac{5}{8}$ th of work = $\frac{5}{8} \times 80 = 50$ units in 25days

So, A's does 2units/day

Work left = $80 - 50 = 30$ units

A's 5 days work = 2units/day \times 5days = 10units

So, left work = $30 - 10 = 20$ units

So, B's work per day = $\frac{20}{5} = 4$ units

So, B will do whole work in = $\frac{80}{4} = 20$ days

S45. Ans.(d)

Sol.

In first bottle, 48 litres mixture

Milk = $48 \times \frac{7}{16} = 3 \times 7 = 21$ L and water = $48 \times \frac{9}{16} = 3 \times 9 = 27$ L

In second bottle, 64 litres mixture

Milk = $64 \times \frac{7}{16} = 4 \times 7 = 28$ L and water = $64 \times \frac{9}{16} = 4 \times 9 = 36$ L

so, In final mixture , milk = $21 + 28 = 49$ L and water = $27 + 36 = 63$

after addition of 7L of water,

quantity of water become = $63 + 7 = 70$ L

So, New ratio of milk and water = $49 : 70 = 7 : 10$

S46. Ans.(e)

Sol.

Pattern of series –

$$1 + 1^2 = 2$$

$$2 + 2^2 = 2 + 4 = 6$$

$$6 + 3^2 = 6 + 9 = 15$$

$$15 + 4^2 = 15 + 16 = 31$$

$$31 + 5^2 = 31 + 25 = \mathbf{56}$$

$$56 + 6^2 = 56 + 36 = 92$$

S47. Ans.(d)

Sol.

Pattern of series –

$$1 \times 2 = 2$$

$$2 \times 2 = 4$$

$$4 \times 2 = 8$$

$$8 \times 2 = 16$$

$$16 \times 2 = \mathbf{32}$$

$$32 \times 2 = 64$$

S48. Ans.(c)

Sol.

Pattern of series –

$$7 + 7 = 14$$

$$14 + 14 = 28$$

$$28 + 21 = 49$$

$$49 + 28 = \mathbf{77}$$

$$77 + 35 = 112$$

$$112 + 42 = 154$$

S49. Ans.(e)

Sol.

Pattern of series –

$$16 - 1 = 15$$

$$15 + 3 = 18$$

$$18 - 5 = \mathbf{13}$$

$$13 + 7 = 20$$

$$20 - 9 = 11$$

$$11 + 11 = 22$$

S50. Ans.(d)

Sol.

Pattern of series –

$$720 \div 1 = 720$$

$$720 \div 2 = 360$$

$$360 \div 3 = \mathbf{120}$$

$$120 \div 4 = 30$$

$$30 \div 5 = 6$$

$$6 \div 6 = 1$$

S51. Ans.(b)

Sol.

$$7525 \div 25 \times 15 = ? \times 11 + 115$$

$$301 \times 15 = ? \times 11 + 115$$

$$4515 = ? \times 11 + 115$$

$$? \times 11 = 4515 - 115 = 4400$$

$$? = 4400/11 = 400$$

S52. Ans.(d)

Sol.

$$(? \div 8 \div 15) \times 30 + 280 = 260$$

$$(? \times \frac{1}{8} \times \frac{1}{15}) \times 30 + 280 = 260$$

$$? \times \frac{1}{120} \times 30 + 280 = 260$$

$$? \times \frac{1}{4} + 280 = 260$$

$$\frac{?}{4} = 260 - 280 = -20$$

$$? = -20 \times 4 = -80$$

S53. Ans.(c)

Sol.

$$33\frac{1}{3}\% \text{ of } 237 + \sqrt[3]{1331} \times 5 = ? - 25$$

$$\frac{1}{3} \times 237 + 11 \times 5 = ? - 25$$

$$79 + 55 + 25 = ?$$

$$159 = ?$$

S54. Ans.(e)

Sol.

$$28 \times 15 + 14\% \text{ of } 200 + 495 \div 15 = ?$$

$$420 + 14 \times 2 + 33 = ?$$

$$420 + 28 + 33 = ?$$

$$? = 481$$

S55. Ans.(c)

Sol.

$$[(4\sqrt{5} + \sqrt{5}) \times (12\sqrt{5} + 8\sqrt{5})] - 85 = ?$$

$$[(5\sqrt{5}) \times (20\sqrt{5})] - 85 = ?$$

$$[(100 \times 5)] - 85 = ?$$

$$? = 500 - 85 = 415$$

S56. Ans.(d)

Sol.

$$\sqrt{10404} \times \sqrt{625} - (50)^2 = ?^2 - (5\sqrt{2})^2$$

$$102 \times 25 - 2500 = ?^2 - 50$$

$$2550 - 2500 = ?^2 - 50$$

$$?^2 = 50 + 50$$

$$? = 10$$

S57. Ans.(b)

Sol.

$$21 \times ? - 40\% \text{ of } 1600 = 100 + 20\% \text{ of } 500$$

$$21 \times ? - 40 \times 16 = 100 + 20 \times 5$$

$$21 \times ? - 640 = 100 + 100$$

$$21 \times ? - 640 = 200$$

$$21 \times ? = 200 + 640 = 840$$

$$? = \frac{840}{21} = 40$$

S58. Ans.(a)

Sol.

$$\frac{4}{9} \times 45 \text{ of } ? = 75 + \sqrt{20\% \text{ of } 125}$$

$$\frac{4}{9} \times 45 \times ? = 75 + \sqrt{\frac{20}{100} \times 125}$$

$$4 \times 5 \times ? = 75 + \sqrt{25}$$

$$20 \times ? = 75 + 5 = 80$$

$$? = \frac{80}{20} = 4$$

S59. Ans.(d)

Sol.

$$5^2 + 110 + 15\% \text{ of } 400 - \sqrt{169} + 60 \times 4 \frac{2}{5} = ?$$

$$25 + 110 + 15 \times 4 - 13 + 60 \times \frac{22}{5} = ?$$

$$25 + 110 + 60 - 13 + 12 \times 22 = ?$$

$$? = 25 + 110 + 60 - 13 + 264 = 446$$

S60. Ans.(b)

Sol.

$$40\% \text{ of } 200 - 50\% \text{ of } 250 = 50 - ?$$

$$40 \times 2 - 5 \times 25 = 50 - ?$$

$$80 - 125 = 50 - ?$$

$$? = 50 - 80 + 125 = 95$$

S61. Ans.(b)

Sol.

$$(18)^2 + 220 + (9)^2 = (?)^2$$

$$= 324 + 220 + 81 = (?)^2 \Rightarrow 625 = (?)^2 \Rightarrow ? = 25$$

S62. Ans.(d)

Sol.

$$55\% \text{ of } 880 + 35\% \text{ of } 1200 + ? = \frac{4}{7} \text{ of } 2170$$

$$55 \times \frac{880}{100} + 35 \times \frac{1200}{100} + ? = 1240$$

$$484 + 420 + ? = 1240$$

$$? = 1240 - 904$$

$$? = 336$$

S63. Ans.(e)

Sol.

$$\sqrt{361} + ? + 21^2 - \sqrt[3]{2197} = 1250$$

$$19 + ? + 441 - 13 = 1250$$

$$? = 1250 - 447$$

$$? = 803$$

S64. Ans.(d)

Sol.

$$\text{Speed of the bus} = \frac{560}{7} = 80 \text{ kmph}$$

$$\text{Speed of the car} = 80 \times \frac{5}{4} = 100 \text{ kmph}$$

$$\text{Therefore, speed of the train} = 100 \times \left(1 + \frac{80}{300}\right)$$

$$= 100 \times \frac{380}{300} = \frac{380}{3} \text{ kmph}$$

$$\text{So, required distance} = \frac{380}{3} \times 15 = 1900 \text{ km}$$

S65. Ans.(e)

Sol.

Let the sum is 100%

Interest for 2 years compounds annually

1st years interest = 20%

2nd year interest = 20% + 4% = 24%

Total interest = 20% + 24% = 44%

If the interest was payable half yearly

First six-month interest = 10%

Next six-month interest = 10% + 1%

Next six-month interest = 10% + 2.1%

Last six-month interest = 10% + 3.31%

Total interest = 46.41%

Half yearly interest more than annually interest = 46.41% - 44% = 2.41%

2.41% = 96.4

1% = 96.4/2.41

100% = 100 x 96.4/2.41

= Rs 4,000

S66. Ans.(d)

Sol.

$$\text{At 20\% loss, selling price of fan} = 2000 \times \frac{80}{100} = \text{Rs. 1600}$$

$$\text{At 20\% profit, selling price of chair} = 1600 \times \frac{120}{100} = 16 \times 120 = \text{Rs. 1920}$$

$$\text{So, overall loss} = 2000 - 1920 = \text{Rs.80}$$

S67. Ans.(c)

Sol.

From 1st January to 1st March = 2months

$$\text{Salary in March} = 5000 \times \frac{110}{100} \times \frac{110}{100} = 50 \times 11 \times 11 = \text{Rs. 6050}$$

S68. Ans.(d)

Sol.

Ratio of investment of A and B = 45000 × 12 : 60000 × 4

$$45 \times 12 : 60 \times 4 = 3 \times 3 : 4 \times 1 = 9 : 4$$

$$\text{Required difference} = \frac{5}{13} \times 16900 = \text{Rs. (5 \times 1300)} = \text{Rs. 6500}$$

S69. Ans.(b)

Sol.

Let the length and breadth of rectangle be $6x$ and $5x$ respectively.

So,

$$\text{Area of rectangle} = (\text{length} \times \text{breadth}) = 270$$

$$6x \times 5x = 270 \Rightarrow 30x^2 = 270 \Rightarrow x^2 = 9 \Rightarrow x = 3$$

So, length of rectangle = $6x = 18\text{m}$ and breadth of rectangle = $5x = 15\text{m}$

So, sum of double the length + one-fifth of breadth = $12x + x = 13x = 13 \times 3 = 39\text{m}$

S70. Ans.(b)

Sol.

The speed of motor boat in still water = $x = 18 \text{ km/hr}$

Let the speed of current is $y \text{ km/hr}$

According to ques

$$\frac{90}{18 + y} = 3$$

$$y = 12 \text{ km/h}$$

$$\text{time taken by it to cover the same distance against the stream} = \frac{90}{18 - 12} = \frac{90}{6}$$

$$= 15 \text{ hours}$$

S71. Ans.(a)

Sol. By referring to the first paragraph of the passage we can conclude that only option (a) is true. For better understanding, refer "The people of the village Yorkshire began to gather in the square, between the post office and the bank, around ten o'clock; in some towns there were so many people that the lottery took two days, but in this village, where there were only about three hundred people, the whole lottery took less than two hours."

S72. Ans.(c)

Sol. To validate the answer, refer to the second paragraph where it mentions "Though they gathered together quietly for a while, then they broke into rowdy behaviour, and their talk was still of the classroom and the teacher, of books and reprimands."

S73. Ans.(e)

Sol. After going through the passage completely, we can conclude that all the given options are true.

For option (a): Refer to the second paragraph "Bobby Martin had already stuffed his pockets full of stones, and the other boys soon followed his example, selecting the smoothest and roundest stones"

For option (b): Refer to the second paragraph "Bobby and Harry Jones and Dickie Delacroix—the villagers pronounced this name "Dellacroy"....."

For option (c): Refer to the third paragraph "They greeted one another and exchanged bits of conversation as they went to join their husbands."

S74. Ans.(d)

Sol. To validate the answer, refer to the third paragraph, "Soon the men began to gather, surveying their own children, speaking of planting and rain, tractors and taxes. They stood together, away from the pile of stones in the corner, and their jokes were quiet and they smiled rather than laughed."

S75. Ans.(b)

Sol. To validate the answer, refer to the last paragraph “The lottery was conducted—as were the square dances, the teen club, the Halloween program—by Mr. Summers, who had time and energy to devote to civic activities. He was a round-faced, friendly man and he ran the coal business, and people were sorry for him because he had no children and his wife was a scold.”

S76. Ans.(a)

Sol. To validate this, refer to the last paragraph where it mentions, “Mr. Summers said, “Some of you fellows want to give me a hand?” there was a hesitation before two men, Mr. Martin and his oldest son, Baxter, came forward to hold the box steady on the stool while Mr. Summers stirred up the papers inside it.”

S77. Ans.(a)

Sol. “profusely” means exhibiting great abundance. Thus, the word that can replace it is “copiously” which means in large quantities.

Timidly: in a manner that shows a lack of courage or confidence.

Vehemently: in a forceful, passionate, or intense manner; with great feeling.

Spuriously: not being what it purports to be; false or fake.

Sporadically: occasionally or at irregular intervals.

S78. Ans.(b)

Sol. Reluctantly means lack of eagerness. Thus, the word that can be termed as the opposite of it is elatedly which means with eagerness or excitement.

Aversely: having a strong dislike of or opposition to something.

Deludedly: To cause to hold a false belief; deceive thoroughly

Haggardly: looking exhausted and unwell, especially from fatigue, worry, or suffering.

S79. Ans.(c)

Sol. In part C, “made” should be replaced with “make” as the sentence is in past tense and for that reason past form of the verb should be used.

S80. Ans.(e)

Sol. The sentence is correct and does not need any change.

S81. Ans.(b)

Sol. In part (B), “tolerate” must be changed with “tolerated”, as the sentence is in passive voice and the structure for it is “will be +V3”.

S82. Ans.(d)

Sol. The sentence states the finding of Early Childhood Education (ECE) that claims children who engage in early learning-based activities have better development than those who didn’t.

The word best suited for the given blank is “engage”

Transcribe: put (thoughts, speech, or data) into written or printed form.

Sabotage: destroy something intentionally often for a wrongful advantage

Wishes: feel or express a strong desire or hope for something that cannot or probably will not happen
Engage: occupy or attract (someone's interest or attention).
Participate: take part in an action or endeavor.

S83. Ans.(b)

Sol. The sentence states the finding of Early Childhood Education (ECE) that claims children who engage in early learning-based activities have better development than those who didn't.

The word best suited for the given blank is "development"

Excessive: too much of something

Development: growth in a positive manner

Fundamental: very basic

Judgmental: having or displaying an overly critical point of view.

Oriental: of, from, or characteristic of Asia, especially East Asia.

S84. Ans.(a)

Sol. The sentence suggests the "play way" curriculum that has been mandated in all the preschools and anganwadis. Thus, the word best suited for the given blank is "mandated"

Mandated: making anything necessary

Lamented: expressing grief

Arbitrated: (of an independent person or body) reach an authoritative judgement or settlement.

Bequeathed: leave (property) to a person or other beneficiary by a will.

Cultivated: have developed

S85. Ans.(b)

Sol. The sentence states the components that are needed to make child centric environment in AWS. Thus, the word best suited for the given blank is "components"

Factor: something that helps produce a result

Components: a part or element of a larger whole, especially a part of a machine or vehicle.

Series: that are in a serial order

Discord: disagreement between people.

Commission: authority to undertake or perform certain duties or functions.

S86. Ans.(c)

Sol. Seeing the importance of early learning activities, the NEP envisions to achieve these through anganwadis. Thus, the word best suited for the given blank is "envisions"

Subsume: include or absorb (something) in something else.

Enquire: asking about someone/something

Envisions: to imagine something as a possibility

Limit: a restriction on the size or amount of something permissible or possible

Remark: say something as a comment; mention.

S87. Ans.(d)

Sol. The given highlighted phrase is incorrect because 'has' is followed by V3. Both (i) and (iii) can replace the highlighted phrase. Only (ii) is incorrect because of 'have' which we use for plural noun but here noun 'invasion' is singular.

S88. Ans.(c)

Sol. The given highlighted phrase is incorrect because 'Both' is paired with 'and' to add emphasis to two coordinated elements in a sentence. Both (ii) and (iii) can replace the highlighted phrase. In (i), 'and' is incorrect as we use 'either.....or' pair to refer one or the two alternatives.

S89. Ans.(a)

Sol. The given highlighted phrase is incorrect because 'knowledge' is an uncountable noun, so it is never used in the plural. Both (i) & (ii) can replace the highlighted phrase. Only (iii) is grammatically incorrect.

S90. Ans.(e)

Sol. The given highlighted phrase is correct hence 'no replacement required'.

S91. Ans.(c)

Sol. 'Allaviate' is wrongly spelt and its correct spelling is 'alleviate' which means make (suffering, deficiency, or a problem) less severe.

S92. Ans.(a)

Sol. 'Reccommendations' is wrongly spelt and its correct spelling is 'recommendation'.

S93. Ans.(d)

Sol. 'Effordable' is wrongly spelt and its correct spelling is 'affordable'.

S94. Ans.(c)

Sol. 'Anceint' is wrongly spelt and its correct spelling is 'ancient'

S95. Ans.(d)

Sol. 'Presidentail' is wrongly spelt and its correct spelling is 'presidential'

S96. Ans.(e)

Sol. Sentence C should be the first statement of this rearrangement as it introduced the theme of the passage, i.e., the happiness report by India focused consulting firm HappyPlus. India's improved score clearly contradicts the findings of other indexes, thus making it the second statement in this rearrangement. Statement E provides the details of the survey. The result of this study is mentioned in statement D that mentions the states that performed well in the ranking. With continuation to that, statement A also states the other parameter i.e., corruption that affects the index, hence making it the concluding statement in this rearrangement. Thus, the meaningful rearrangement will be CBEDA.

S97. Ans.(a)

Sol. Sentence C should be the first statement of this rearrangement as it introduced the theme of the passage, i.e., the happiness report by India focused consulting firm HappyPlus. India's improved score clearly contradicts the findings of other indexes, thus making it the second statement in this rearrangement. Statement E provides the details of the survey. The result of this study is mentioned in statement D that mentions the states that performed well in the ranking. With continuation to that, statement A also states the other parameter i.e., corruption that affects the index, hence making it the concluding statement in this rearrangement. Thus, the meaningful rearrangement will be CBEDA.

S98. Ans.(c)

Sol. Sentence C should be the first statement of this rearrangement as it introduced the theme of the passage, i.e., the happiness report by India focused consulting firm HappyPlus. India's improved score clearly contradicts the findings of other indexes, thus making it the second statement in this rearrangement. Statement E provides the details of the survey. The result of this study is mentioned in statement D that mentions the states that performed well in the ranking. With continuation to that, statement A also states the other parameter i.e., corruption that affects the index, hence making it the concluding statement in this rearrangement. Thus, the meaningful rearrangement will be CBEDA.

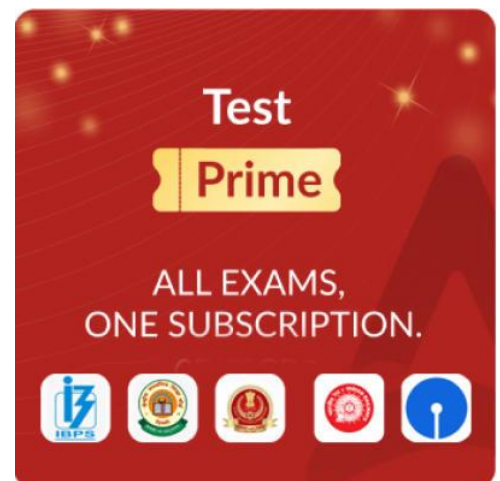
S99. Ans.(d)

Sol. Sentence C should be the first statement of this rearrangement as it introduced the theme of the passage, i.e., the happiness report by India focused consulting firm HappyPlus. India's improved score clearly contradicts the findings of other indexes, thus making it the second statement in this rearrangement. Statement E provides the details of the survey. The result of this study is mentioned in statement D that mentions the states that performed well in the ranking. With continuation to that, statement A also states the other parameter i.e., corruption that affects the index, hence making it the concluding statement in this rearrangement. Thus, the meaningful rearrangement will be CBEDA.

S100. Ans.(b)

Sol. Sentence C should be the first statement of this rearrangement as it introduced the theme of the passage, i.e., the happiness report by India focused consulting firm HappyPlus. India's improved score clearly contradicts the findings of other indexes, thus making it the second statement in this rearrangement. Statement E provides the details of the survey. The result of this study is mentioned in statement D that mentions the states that performed well in the ranking. With continuation to that, statement A also states the other parameter i.e., corruption that affects the index, hence making it the concluding statement in this rearrangement. Thus, the meaningful rearrangement will be CBEDA.

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