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TEST I
REASONING

1. How many meaningful English words can be formed with the letters NKI using each letter only once in each word?
(1) None (2) One
(3) Two (4) Three
(5) More than three

2. The positions of first and the fourth letters of the word POUNDS are interchanged, similarly, the positions of second and fifth letters and third and sixth letters are interchanged. In the new arrangement thus formed, how many letters are there between the alphabet which is third from the right and the alphabet which is third from the left, in the English alphabetical order?
(1) None (2) Two (3) Three
(4) Four (5) More than four

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Directions (Q. 3–4) *Point A is 5 m towards the West of point B. Point C is 2 m towards the North of point B. Point D is 3 m towards the East of point C. Point E is 2 m towards the South of point D.*

3. If a person walks 2 m towards the north from point A, takes a right turn and continues to walk, which of the following points would he reach the first?
(1) D (2) B
(3) E (4) C
(5) Cannot be determined

4. Which of the following points are in a straight line?
(1) ABE (2) DCA (3) CED
(4) BDA (5) ACE

Directions (Q. 5–7) *The following questions are based upon the alphabetical series given below :*

D L U A E N I O G K S V R M P B H F

5. If 'LU' is related to 'EO' and 'SV' is related to 'MH' in a certain way, to which of the following is NI related to , following the same pattern?
(1) GS (2) KV (3) GV
(4) KR (5) OS

6. What will come in place of question (?) mark in the following series based on the above alphabetical series?
GK IV EM ? DF
(1) AP (2) NP (3) UH
(4) AB (5) UB

7. If in a certain code 'GLAD' is coded as 'SANU' and 'BUMP' is coded as 'FEBH' how will 'SKID' be coded in the same code language?
(1) GOEU (2) RVGU (3) VSOU
(4) VSGU (5) RVOL

8. Among five boxes numbered 1, 2, 3, 4 and 5 each has a different weight. Box no. 1 is heavier than box no. 5 but lighter than box no. 3. Box no. 4 is heavier than box no. 3 but lighter than box no. 2. Which of the following represents the boxes which are **the heaviest and the lightest respectively**?
(1) Box no. 4 and box no. 5
(2) Box no. 4 and box no. 1
(3) Box no. 2 and box no. 1
(4) Box no. 2 and box no. 5
(5) Box no. 5 and box no. 4

9. If each of the alphabets of the word SALIENT is arranged in alphabetical order from left to right and then each vowel in the new word thus formed is changed to the next letter in the English alphabetical series and each consonant is changed to the previous letter in the English alphabetical series. Which of the following will be third from the left?
(1) M (2) I (3) J
(4) K (5) R

10. How many such pairs of letters are there in the word QUICKLY, each of which has as many letters between them in the word (in both forward and backward directions) as they have between them in the English alphabetical order?
(1) None (2) One (3) Two
(4) Three (5) More than three

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Directions (Q. 11–15) *In these questions, relationship between different elements is shown in the statements. The statements are followed by conclusions.*

Give answer (1) if only Conclusion I is true
Give answer (2) if only Conclusion II is true
Give answer (3) if either Conclusion I or II is true
Give answer (4) if neither Conclusion I nor II is true
Give answer (5) if both Conclusions I and II are true

11. **Statement** $F \geq G = H; G > J \geq K$
Conclusions I. $F \geq K$
II. $K < H$

12. **Statement** $P < Q = R \geq S \geq T$
Conclusions I. $T \leq Q$
II. $R > P$

13. **Statement** $A \leq B < C; A \geq D; C \leq F$
Conclusions I. $D < C$
II. $F \geq D$

14. **Statement** $U > A = I \leq O < E$
Conclusions I. $I \leq E$
II. $O > U$

15. **Statement** $L = M \geq N; M > P; L < K$
Conclusions I. $K > P$
II. $N < K$

Directions (Q. 16–20) *Study the following information to answer the given questions :*

P, Q, R, S, T, V, X and Y are seated in a straight line facing North. P sits fourth to the left of V. V sits either sixth from the left end of the line or fourth from the right end of the line. S sits second to right of R. R is not an immediate neighbour of V. T and Q are immediate neighbours of each other but neither T nor Q sits at extreme ends of the line. Only one person sits between T and X. X does not sit at the extreme end of the line.

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16. What is the position of Q with respect to P?
(1) Fifth to the right (2) Immediate neighbour
(3) Second to right (4) Third to left
(5) None of these

17. Which of the following represents persons seated at the two extreme ends of the line?
(1) P, V (2) Y, S
(3) R, V (4) Y, P
(5) R, Y

18. How many persons are seated between R and T?
(1) One (2) Two
(3) Three (4) Four
(5) None

19. If P is related to Q and S is related to T in a certain way, to which of the following would V be related to following the same pattern?
(1) Y (2) P (3) R
(4) S (5) X

20. Who amongst the following sits exactly in the middle of the persons who sit second from the left and the person who sits fifth from the right?
(1) V (2) Q (3) T
(4) S (5) P

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

In a certain code, **'he is waiting there'** is written as 'la pa ro ta', **'there is the train'** is written as 'zo ro ji la', **'waiting at the station'** is written as 'ma ta fu ji' and **'is this a station'** is written as 'fu bi ro vi'.

21. What is the code for 'he'?
(1) la (2) pa
(3) ro (4) ta
(5) Either la or zo

22. What does 'la' stand for?
(1) is (2) train
(3) waiting (4) the
(5) there

23. Which of the following represents 'the train station'?
(1) zo la ma (2) fu ji ta
(3) fu ji zo (4) ro zo fu
(5) Cannot be determined

24. What is the code for 'at'?
(1) ma (2) ji
(3) fu (4) ta
(5) Cannot be determined

25. Which of the following may represent 'guard is waiting'?
(1) ro ta zo (2) ta ki ro
(3) fu zo ki (4) ta ro ji
(5) la ma ro

Directions (Q. 26–30) *Study the following information carefully and answer the given questions :*

A, B, C, D, E, F, G and H are sitting around a square table facing the centre in such a way that four of them sit at four corners of the square while four sit in the middle of each of the four sides.
(a) A sits second to right of F. F sits in the middle of one of the sides of the table
(b) G who does not sit at any of the corners of the table sits second to the right of D
(c) Only two people sit between D and B (taken from one side)
(d) C is not an immediate neighbour of G
(e) H is sits second to left of B
(f) E is not an immediate neighbour of G or F

26. Who sits exactly between F and A?
(1) B (2) C
(3) E (4) H
(5) None of these

27. How many persons sit between A and H when counted in anti-clockwise direction from A?
(1) None (2) One
(3) Two (4) Three
(5) Four

28. Four of the following five are alike in a certain way based on their seating positions in the above arrangement and so form a group. Which is the one that **does not** belong to that group?
(1) D (2) F
(3) A (4) E
(5) G

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29. What is the position of F with respect to C?
(1) Third to the left
(2) Immediate to the right
(3) Second to the left
(4) Third to the right
(5) Immediate to the left

30. What will come in place of the question mark (?) based upon the given seating arrangement?
AE EH HF ?
(1) FE (2) HC
(3) FD (4) DB
(5) FH

Directions (Q. 31–35) *Study the following arrangement carefully and answer the questions given below :*

7 1 2 8 2 5 2 7 5 6 4 9 1 9 2 4 1 4 6 4 5 3 2 6 3 7 8 5 9 3 1 5 8 2 7

31. How many such 5s are there in the above arrangement each of which is immediately preceded and also immediately followed by an even digit?
(1) None
(2) One
(3) Two
(4) Three
(5) More than three

32. If all the even digits are deleted from the above arrangement, which of the following will be eighth from the right end of the arrangement?
(1) 1 (2) 7
(3) 9 (4) 5
(5) 3

33. How many such 2s are there in the above arrangement, each of which is immediately preceded by a perfect square? (1 is also a perfect square)
(1) None (2) One
(3) Two (4) Three
(5) More than three

34. What is the difference between the digit which is seventh from the left end and the digit which is eleventh from the right end of the arrangement?
(1) 0 (2) 1
(3) 2 (4) 3
(5) 5

35. Which of the following is sixth to the left of the twentieth digit from the left end of the above arrangement?
(1) 1 (2) 4
(3) 3 (4) 9
(5) 8

Directions (Q. 36–40) *Each of the questions below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and*

Give answer (1) if the data in Statement I alone are sufficient to answer the question, while the data in Statement II alone are not sufficient to answer the question

Give answer (2) if the data in Statement II alone are sufficient to answer the question, while the data in Statement I alone are not sufficient to answer the question

Give answer (3) if the data in Statement I alone or in Statement II alone are sufficient to answer the question

Give answer (4) if the data in both the Statements I and II are not sufficient to answer the question

Give answer (5) if the data in both the Statements I and II together are necessary to answer the question

36. How many brothers does Shilpa have?
I. Deepa who is Shilpa's sister has two siblings.
II. Kaushal is the only son of Deepa's parents.

37. Amongst four friends A, B, C and D seated in a straight line facing North, who sits to the immediate right of B?
I. A sits third to the right of B and C is not an immediate neighbour of B.
II. C sits to immediate left of A. A sits at one of the extreme ends. D does not sit at the extreme end of the line.

38. Which direction is Sudha facing?
I. If Sunny who is currently facing West, turns 90° towards his left, he would face the same direction as Sudha.
II. If Harry who is currently facing East, turns 90° towards his left, he would face a direction just opposite to the direction Sudha is facing.

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39. Amongst H, J, K and L sitting around a circular table facing the centre, who sits to the immediate left of H?
I. H sits second to left of L. K is an immediate neighbour of L.
II. J and H are immediate neighbours of each other. L is an immediate neighbour of J.

40. On which day of the week did Kiran take an off?
I. Amit correctly remembers that Kiran took an off before Thursday but after Monday.
II. Sneha correctly remembers that Kiran took an off after Tuesday but before Friday.

Directions (Q. 41–50) *In each of the questions given below which one of the five answer figures on the right should come after the problem figures on the left, if the sequence were continued?*

41. **Problem Figures**

Answer Figures

(1) (2) (3) (4) (5)

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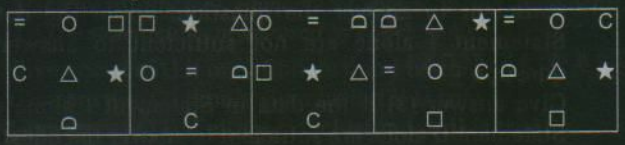
42. Problem Figures

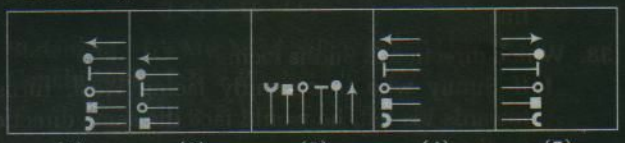


Answer Figures

(1) (2) (3) (4) (5)

43. Problem Figures

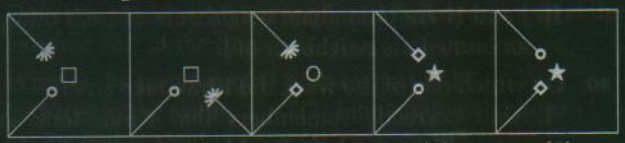
Answer Figures



(1) (2) (3) (4) (5)

44. Problem Figures

Answer Figures



(1) (2) (3) (4) (5)

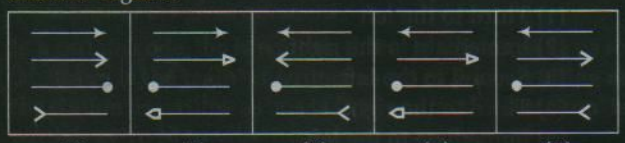
45. Problem Figures

Answer Figures

(1) (2) (3) (4) (5)

46. Problem Figures

Answer Figures



(1) (2) (3) (4) (5)

47. Problem Figures

Answer Figures

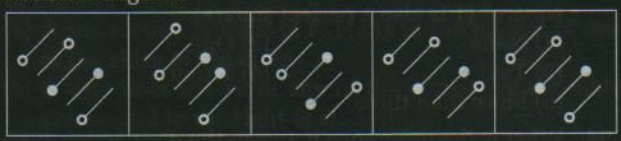
(1) (2) (3) (4) (5)

48. Problem Figures

Answer Figures

(1) (2) (3) (4) (5)

49. Problem Figures

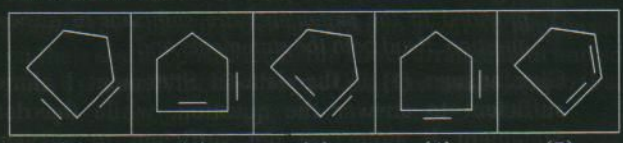


Answer Figures

(1) (2) (3) (4) (5)

50. Problem Figures

Answer Figures



(1) (2) (3) (4) (5)

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