Directions—(Q. 1 to 3) Four of the following five are alike in a certain way and so form a group. Which is the one that **does not** belong to that group ?

1. (A) Red   (B) Blue
   (C) Yellow   (D) Green
   (E) Colour

2. (A) Birds   (B) Sparrow
   (C) Dove   (D) Pigeon
   (E) Parrot

3. (A) Wall   (B) Ceiling
   (C) Floor   (D) Terrace
   (E) Bunglow

4. Four of the following five numbers are alike in a certain way and so form a group. Which is the one that **does not** belong to that group ?
   (A) 12   (B) 34
   (C) 58   (D) 72
   (E) 47

5. Four of the following five are alike in a certain way (based on the english alphabetical series) and so form a group. Which is the one that **does not** belong to that group ?
   (A) PT   (B) ES
   (C) FA   (D) OC
   (E) UX

Directions—(Q. 6 to 10) Each of the following questions below consists of a question and two statements numbered I and II are 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 given answer—

(A) 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.

(B) 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.

(C) If the data in either Statement I alone or statement II alone are sufficient to answer the question.

(D) If the data in both the Statement I and II are not sufficient to answer the question.

(E) If the data in both the Statements I and II are together necessary to answer the question.

6. Is Rahul facing West at present ?
   I. If Rahul turns 90° to his right, he will face East.
   II. If Rahul turns to his left, he will face North.

7. What is the colour of Rekha's dress today ?
   I. Rekha wears blue on Monday.
   II. Yesterday was a Tuesday.

8. On which date did Sushil go for a picnic ?
   I. Sushil went for a picnic either on a Sunday or a public holiday.
   II. 4th was a public holiday.

9. Who is the tallest amongst A, B, C, D and E (Some are males, while some are females) ?
   I. A is the tallest girl in the group.
   II. C is the only male in the group.

10. What time will the train arrive ?
   I. The train was supposed to arrive at midnight but is two hours late.
   II. At midnight, it was announced that the train had been delayed by another two hours.

Directions—(Q. 11 to 15) Study the following information to answer the given questions :

'P + Q' means "P is the wife of Q"

'P − Q' means "P is the husband of Q"

'P ÷ Q' means "P is the daughter of Q"

'P × Q' means "P is the son of Q"

Directions—(Q. 11 to 13) As per $A \div Q - B \div S + C$—

11. How is S related to A ?
   (A) Mother
   (B) Grand mother
   (C) Daughter
   (D) Cannot be Determined
   (E) None of these

12. How is B related to C ?
   (A) Sister
   (B) Daughter-in-law
   (C) Grand mother
   (D) Cannot be Determined
   (E) None of these

13. How is Q related to S ?
   (A) Father
   (B) Son-in-law
   (C) Grand son
   (D) Cannot be Determined
   (E) None of these

Directions—(Q. 14 and 15) As per $Q \times P + S \times H$—

14. How is H related to P ?
   (A) Father
   (B) Father-in-law
   (C) Grand father
   (D) Cannot be Determined
   (E) None of these

15. How is S related to Q ?
   (A) Father
   (B) Father-in-law
   (C) Grand father
   (D) Mother
   (E) Cannot be Determined

16. Pointing to a lady, Arun (Arun is a male) said, "She is the daughter of the wife of my son's father." How is the lady related to Arun's wife ?
    (A) Sister
    (B) Mother
    (C) Daughter
    (D) Daughter-in-law
    (E) Cannot be Determined

17. If it is possible to make only one meaningful word with the first, third, sixth and the eight letters of the word 'LANGUAGE', which would be second letter of that word from the left ? If more than one such word can be formed, give 'X' as the answer. If no such word can be formed, give 'Z' as your answer.
    (A) X   (B) N
    (C) E   (D) L
    (E) Z

18. How many such pairs of letters are there in the word LINGUIST 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 series ?
    (A) One   (B) Two
    (C) None   (D) Three
    (E) More than three

19. Which of the following has the same relationship as Bottle : Cap ?
    (A) Can : Lid
    (B) Pen : Refill
    (C) Pencil : Eraser
    (D) Mug : Water
    (E) Stapler : Pin

Directions—(Q. 20 to 25) In each of these questions, relationship between different elements is shown in the statements. The statements are followed by two conclusions given answer—
    (A) If only conclusion I is true.
    (B) If only conclusion II is true.
    (C) If either conclusion I or II is true.
    (D) If neither conclusion I nor II is true.
    (E) If both the conclusions I and II are true.

20. Statements :
    $A \le B < C; D = C \ge E; F < E$
    Conclusions : I. $A \ge E$
                  II. $C \le A$

21. Statements :
    $P \le Q; R < Q; R \ge S = T > V$
    Conclusions : I. $P < S$
                  II. $Q > T$

22. Statements :
    $L \ge M; N > O < P; M = N$
    Conclusions : I. $O < L$
                  II. $L < N$

23. Statements :
    $X > Y \le W; Z = Q; W \ge Z$
    Conclusions : I. $X > W$
                  II. $Y \le Z$

24. Statements :
    $G = H; S \ge T < R; H > S$
    Conclusions : I. $G < R$
                  II. $H > T$

25. Statements :
    $A < B \le C; D = E; D < C$
    Conclusions : I. $B \le D$
                  II. $A > E$

Directions—(Q. 26 to 30) Following questions are based on the five three digit numbers given below :
    742   906   685   498   379

26. What is the sum of the digits of the second smallest number ?
    (A) 29   (B) 21
    (C) 27   (D) 26
    (E) 23

27. If the positions of the second and the third digits are interchanged in each of these numbers, which of the following will be divisible by 5 ?
    (A) 742   (B) 906
    (C) 685   (D) 498
    (E) 379

28. If the positions of the first and the third digits are interchanged in each of these numbers, which of the following will be the new second highest number ?
    (A) 742   (B) 906
    (C) 685   (D) 498
    (E) 379

29. What is the middle digit of the second highest number ?
    (A) 2   (B) 7
    (C) 4   (D) 0
    (E) 8

30. If the positions of the first and the second digits are interchanged in each of these numbers, what will be the new second highest number ?
    (A) 742   (B) 906
    (C) 685   (D) 498
    (E) 379

Directions—(Q. 31 to 35) Study the following information to answer the given questions :

Nine friends P, Q, R, S, T, W, X, Y and Z are sitting in a straight line facing the north, not necessarily in the same order.
● X has as many people sitting to his left as to his right.
● P is second to the left of Q.
● S, is fifth to right of P.
● W, is second to left of X.
● None of T, Y or S is sitting at an extreme end.
● Only one person is sitting between S and Z.
● Y is not an immediate neighbour of X.

31. If all the nine are made to sit in alphabetical order, from left to right the positions of how many people will not change ?
    (A) None   (B) One
    (C) Two   (D) Three
    (E) More than three

32. Which of the following is the correct pair of people who are sitting at the extreme ends of the line ?
    (A) RZ   (B) QR
    (C) QZ   (D) PZ
    (E) None of these

33. Who amongst the following is sitting exactly between T and Y ?
    (A) Z   (B) S
    (C) Q   (D) W
    (E) None of these

34. Who amongst the following is sitting second to the right of Q ?
    (A) P   (B) W
    (C) T   (D) Q
    (E) X

35. Who amongst the following is sitting fifth to the right of W ?
    (A) Y   (B) Z
    (C) S   (D) R
    (E) T

Directions—(Q. 36 to 40) Study the following information to answer the given questions :

Seven Friends A, B, C, D, E, F and G are sitting in a circle, facing the centre, not necessarily in the same order.
● A is third to the left of D.
● D is fourth to the right of E.
● C is third to the right of F.
● A is the fourth to the left of G.
● B is an immediate neighbour of D.

36. Who amongst the following is sitting exactly between F and A ?
   (A) G
   (B) B
   (C) C
   (D) E
   (E) None of these

37. Who amongst the following is sitting third to the left of F ?
   (A) B
   (B) C
   (C) E
   (D) G
   (E) None of these

38. Who amongst the following is sitting second to the right of E ?
   (A) C
   (B) G
   (C) B
   (D) A
   (E) None of these

39. Four of the following five pairs of people are alike in a certain way based on their positions in the arrangement given above and so form a group. Which one of the following pairs of people does not belong to that group ?
   (A) GE
   (B) GA
   (C) DC
   (D) DE
   (E) FE

40. Which of the following pairs of people are immediate neighbours of A ?
   (A) EF
   (B) CB
   (C) EC
   (D) DE
   (E) FE

Directions—(Q. 41 to 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 ?

Problem Figures   **Answer Figures**

41.

(A)   (B)   (C)   (D)   (E)

42.

(A)   (B)   (C)   (D)   (E)

43.

(A)   (B)   (C)   (D)   (E)

44.

(A)   (B)   (C)   (D)   (E)

45.

(A)   (B)   (C)   (D)   (E)

46.

(A)   (B)   (C)   (D)   (E)

47.

(A)   (B)   (C)   (D)   (E)

48.

(A)   (B)   (C)   (D)   (E)

49.

(A)   (B)   (C)   (D)   (E)

50.

(A)   (B)   (C)   (D)   (E)