Reasoning Ability

Direction (1-5): Study the following information carefully and answer the questions given below:
Eight persons are sitting around a circular table facing to the center but not necessarily in the same order. Two persons sit between Q and P (either from left or right). R sits immediate to the right of Q. One person sits between R and S, who faces to T. Q and T are not immediate neighbors of each other. W sits 2nd to the left of V. Three persons sit between U and V.

1. Four of the following five are alike in a certain way and hence they form a group. Which one of the following does not belong to that group?
   (a) Q-W
   (b) P-U
   (c) S-W
   (d) V-T
   (e) Q-P
2. Who among the following sits immediate right of U?
   (a) W
   (b) R
   (c) T
   (d) S
   (e) V
3. The number of persons sit between Q and T , when counted to right of Q is same as the number of persons sit between W and ___, when counted to the left of ___?
   (a) P
   (b) S
   (c) T
   (d) U
   (e) None of these
4. Who among the following faces R?
   (a) U
   (b) V
   (c) P
   (d) W
   (e) Q
5. Who among the following sits 3rd to the right of S?
   (a) P
   (b) U
   (c) Q
   (d) T
   (e) None of these

Direction (6-10): Study the following information carefully and answer the questions given below:

Ten persons are sitting in two parallel rows containing five persons in each row such a way that there is an equal distance between adjacent persons. In the first row, A, B, C, D and E are seated and all of them are facing north. In the second row, P, Q, R, S and T are seated and all of them are facing south. Therefore, in the given seating arrangement, each member seated in a row faces another member of the other row.

E sits 2nd from one of the extreme end of the row. P faces the one who sits 2nd to the right of E. D sits 2nd to the left of B, who does not sit at the extreme end. Two persons sit between S and Q. R sits immediate left of S. C sits next to B.

6. Who among the following faces Q?
    (a) B
    (b) D
    (c) A
    (d) C
    (e) None of these

7. Who among the following sits at the extreme end of the row?
    (a) E
    (b) T
    (c) C
    (d) R
    (e) P

8. Four of the following five are alike in a certain way and hence they form a group. Which one of the following does not belong to that group?
    (a) Q
    (b) A
    (c) T
    (d) D
    (e) P

9. Who among the following sits 2nd to the right of P?
    (a) S
    (b) R
    (c) Q
    (d) T
    (e) None of these

10. What is the position of A with respect to E?
    (a) 3rd to the left
    (b) Immediate to the left
    (c) 2nd to the left
    (d) 3rd to the right
    (e) 2nd to the right

11. In the word 'PRODUCE', how many pairs of the letters have the same number of letters between them in the given word as they have in the English alphabet series?
    (a) Four
    (b) Two
    (c) One
    (d) Three
    (e) More than four

Direction (12-15): In each of the questions below are given some statements followed by some conclusions. 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.

12. **Statements:** All Chocolate are Toffee. No Toffee is Muffin. Only a few Muffin are Dark.
    Conclusions: I. No Chocolate is Muffin.
    II. Some Toffee can never be Dark.
    (a) If only conclusion II follows.
    (b) If only conclusion I follows.
    (c) If neither conclusion I nor II follows.
    (d) If either conclusion I or II follows.
    (e) If both conclusions I and II follow.

13. **Statements:** No Party is Gathering. All Summary are Gathering. Only a few Gathering are Committee.
    Conclusions: I. Some Committee can be Summary.
    II. Some Party can be Committee.
    (a) If either conclusion I or II follows.
    (b) If only conclusion I follows.
    (c) If neither conclusion I nor II follows.
    (d) If only conclusion II follows.
    (e) If both conclusions I and II follow.

14. **Statements:** No Market is Home. Only a few Home are Room. Only a few Room is Vance.
    Conclusions: I. Some Home are Vance.
    II. Some Market can never be Room.
    (a) If only conclusion I follows.
    (b) If neither conclusion I nor II follows.
    (c) If either conclusion I or II follows.
    (d) If only conclusion II follows.
    (e) If both conclusions I and II follow.

15. **Statements:** Some Ball are Garden. All Garden are Trade. Only a few Trade are Pump.
    Conclusions: I. Some Ball are Pump.
    II. Some Garden can be Pump.
    (a) If only conclusion II follows.
    (b) If neither conclusion I nor II follows.
    (c) If either conclusion I or II follows.
    (d) If only conclusion I follows.
    (e) If both conclusions I and II follow.

Direction (16-20): Study the following information carefully and answer the questions given below:
Seven persons are buying different things. Only one person buy thing between C and A. B is buying thing immediately before C. Two persons buy things between C and D. C buy things after D. E buys thing immediately before D. More than three persons buy things between E and F. Only three persons buy things **between D and G.**

16. How many persons buy things between A and F?
    (a) One
    (b) Two
    (c) Three
    (d) Four
    (e) More than four

17. Who among the following buy thing immediately after F?
(a) D
(b) B
(c) G
(d) A
(e) No one

18. Who among the following buy thing immediately before G?
(a) D
(b) B
(c) C
(d) A
(e) No one

19. How many person buy things before A?
(a) One
(b) Two
(c) Three
(d) Four
(e) More than four

20. As many as persons are buying things before D as after___?
(a) E
(b) B
(c) F
(d) A
(e) G

Direction (21-23): Study the following information carefully and answer the questions given below:
Point S is 15m west of point R. Point R is 30m south of point Q. Point P is 20m west of point Q. Point U is 15m south of point P. Point T is 35 north of point S.

21. If point V is exactly between point Q and R, then how far and in which direction is point U with respect to V?
(a) 15m, North-East
(b) 15m, East
(c) 10m, North-west
(d) 20m, West
(e) 20m, North-East

22. Four of the following are alike in a certain way, so form a group. Which of the following does not belong to that group?
(a) P, T
(b) U, Q
(c) R, P
(d) S, Q
(e) U, T

23. If point W is in 5m east of point U, then what is the distance between point W and Point S?
(a) 5m
(b) 15m
(c) 25m
(d) 10m
(e) 20m

Direction (24-26): Study the following information carefully and answer the questions given below:
A certain number of persons are sitting in the row. All of them are facing towards north. Q sits sixth from the right of S. T sits forth to left of Q. Only two persons sit between Q and P. R sits forth to the left of S. U sits between S and T. V sits second to the right of U. W is third from any of the end. S is eight from the left end of the row. Six persons sit between W and V.

24. How many numbers of persons could sit in the row?
    (a) 14
    (b) 18
    (c) 23
    (d) 15
    (e) 20

25. What is the position of 'W' with respect to Q?
    (a) Fourth to the right
    (b) Fifth to the right
    (c) Fourth to the left
    (d) Eighth to the right
    (e) Sixth to the left

26. If X sits immediate right of V then how many persons sit between X and P?
    (a) Five
    (b) Six
    (c) Four
    (d) Three
    (e) None of these

27. If it is possible to make only one meaningful word with the 2nd ,4th, 6th and 7th letters of the word 'UNILATERAL' which would be the second letter of the word from the right end? If more than one such word can be formed give 'Y' as the answer. If no such word can be formed, give 'Z' as your answer.
    (a) Y
    (b) N
    (c) L
    (d) T
    (e) Z

Directions (28-30): In each of the question, relationships between some elements are shown in the statements. These statements are followed by conclusions numbered I and II. Read the statements and give the answer.
(a) If only conclusion I follows.
(b) If only conclusion II follows.
(c) If either conclusion I or II follows.
(d) If neither conclusion I nor II follows.
(e) If both conclusions I and II follow.

28. Statements: $A \geq B \geq C = D > E \leq F < G$
    Conclusions: I. $E < B$
                    II. $G > E$

29. Statements: $P \leq R < T = U ; \quad Q \geq T \leq S \geq V$
    Conclusions: I. $Q > P$
                     II. $V < R$

30. Statements: $L > M = O \geq P ; \quad N \leq M \geq S \geq T$
    Conclusions: I. $T \leq P$
                     II. $N < L$

Directions (31-35): Study the following sequence and answer the given questions.
A @ 3 4 % E N M $ 8 6 & L D S # 9 8 6 Q Y Z 1 7 % R O G @ 2 I B 2 U &

31. Which of the following element is sixth to the left of the fourteenth from the left end of the given arrangement?
    (a) 6
    (b) %
    (c) $
    (d) M
    (e) None of these

32. If all the symbols are dropped from the series, which element will be twelfth from the right end?
    (a) 9
    (b) Q
    (c) R
    (d) Y
    (e) None of these

33. How many such numbers are there in the given series which are immediately preceded by a symbol and followed by a letter?
    (a) None
    (b) One
    (c) Two
    (d) Three
    (e) Four

34. How many such letters are there in the given series which are immediately preceded by number and immediately followed by a symbol?
    (a) One
    (b) Two
    (c) Three
    (d) More than three
    (e) None of these

35. Find the odd one out?
    (a) N64
    (b) D86
    (c) Y%8
    (d) R27
    (e) 8EL