

15. Sitting Arrangement

Ex.1 Seven people - A, B, C, D, E, F and G are standing in a single line, facing North. E is somewhere ahead of F. There is exactly one person standing between C and G. D is immediately behind A. F is behind both B and D. If D and C are fourth and fifth in line respectively, then which of the following must be true?

- (1) A is first (2) B is first (3) F is sixth (4) F is seventh

Ans. (3)

Sol. D is immediately behind A i.e., A, D

D and C are fourth and fifth respectively i.e.,

_, _, A, D, C, _, _.

There is exactly one person between C and G i.e.,

_, _, A, D, C, _, G.

F is behind B, D and E. So, F is between C and G while the first two position are taken by B and E.

Thus, the sequence becomes:

B/E, B/E, A, D, C, F, G

Clearly, F is sixth in the line.

Ex.2 Study the given information carefully and answer the questions that follow:

- (i) A, B, C, D, E, F and G are sitting on a wall and all of them are facing east.
- (ii) C is on the immediate right of D.
- (iii) B is at an extreme end and has E as his neighbour.
- (iv) G is between E and F.
- (v) D is sitting third from the south end.

1. Who sitting to the right of E ?

- (1) A (2) C (3) G (4) F

2. Which of the following pairs of people are sitting at the extreme ends?

- (1) A and B (2) A and E (3) C and B (4) F and B

3. Name the person who should change place with C such that he is at the third place from the north end.

- (1) E (2) F (3) G (4) D

4. Immediately between which of the following pairs of people D sitting?

- (1) A and C (2) A and F (3) C and E (4) C and F

5. Which of the conditions (i) to (v) given is not required to find out the place in which A is sitting ?

- (1) (i) (2) (ii) (3) (iii) (4) All are required

Sol. C is to the right of D.

D is third from south. So, B will be at the extreme end from north because it should have E as its neighbour. G is between E and F. So, the sequence is :

B →

E →

G →

F → East

D →

C →

A →

1. (3) G is sitting to the right of E.
2. (1) A and B are sitting at the extreme ends.
3. (3) G should change place with C to make it third from north.
4. (4) D is sitting between C and F.
5. (4) All the statements are required to determine the correct sequence.

Ex.3 Study the following information to answer the given questions:

P, Q, R, S, T, U, V and W are eight friends sitting around a circle facing towards the centre.

(i) W is on the immediate left of P but is not the neighbour of T or S.

(ii) U is on the immediate right of Q and V is the neighbour of T.

(iii) R is between T and U.

1. Which of the following statements is true?

(1) T is between U and Q.

(2) U is the neighbour of V.

(3) V is between W and T

(4) W is between P and S.

2. What is the position of S?

(1) On the immediate left of Q

(2) Second to the right of U

(3) Between Q and U

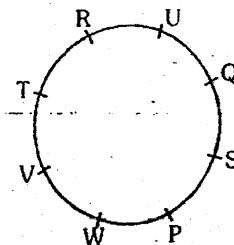
(4) On the immediate left of P

Sol. W is on the immediate left of P. So, anticlockwise, we have: WP.

U is on the immediate right of Q, R is between T and U, V is the neighbour of T. So anticlockwise, we have: QURTV.

Since W is not the neighbour of S, so S does not sit between V and W. So, S sits between P and Q.

Thus, the seating arrangement is as shown.



1. (3) T is between R and V : U is the neighbour of Q and R ; V is between W and T ; W is between V and P

2. (1) S's position is

(i) on the immediate left of Q

(ii) second to the left of U

(iii) between Q and P

(iv) on the immediate right of P

EXERCISE

1. A, B, P, Q, Y and Z are sitting in a row. P and Q are at the two ends. A and Z are at center. Y is right of P. Who is third left of B?
 (1) P (2) Z (3) Y (4) R
2. P, Q, R, S, T, and U are sitting in a row facing north. Q and T are at the center. S and P are at two ends. R is between T and P. Who is left of S?
 (1) P (2) R (3) T (4) U
3. A, B, C, D and E are sitting on a bench A is sitting next to D, B is sitting on one end of the bench on Left side. D is sitting after E and B. In which position A is sitting?
 (1) Between D and C (2) Between E and B (3) Between C and E (4) None
4. A, B, C, D, E and F are sitting around a round table. A is between E and F, E is opposite to D, and C is not in either of the neighbouring seats of E. Who is opposite to B?
 (1) C (2) D (3) F (4) None of these
5. Six persons A, B, C, D, E and F are standing in a circle. B is between D and C. A is between E and C. F is to the right of D. Who is between A and F?
 (1) B (2) C (3) D (4) E

Directions(Q.6 to Q 11) : Read the following information carefully and the questions given below :

- I. A, B, C, D, E, F and G are sitting in a row facing north.
 - II. C is immediate right of G
 - III. The person who is fourth to the right of C, is on one of the ends.
 - IV. Only one person between B and C
 - V. G and D are not neighbours.
6. What is the position of B?
 (1) Between E and C (2) At the right end
 (3) At the left end (4) Fifth to the right of C
 7. Who is to the left of D?
 (1) G (2) A (3) E (4) F
 8. Who are the neighbours of E?
 (1) C and A (2) B and C (3) B and D (4) B and F
 9. Who is to the right of G?
 (1) C (2) D (3) F (4) E
 10. Which following statements are false?
 (1) F is to the left of D (2) F is to the right of G
 (3) B and C are neighbours of E (4) B is at the right end
 11. Who is to the right of A?
 (1) E (2) C (3) B (4) None of these

Directions(Q.12 to Q. 18) : Read the following information's carefully and answer the questions given below it:

- I. Six friends P, Q, R, S, T and U are standing in two rows facing one another.
 - II. P is in the middle of one row.
 - III. U is the left of S and facing R.
 - IV. Q and T are not in the same row
 - V. Only one person between R and T.
12. Which of the following in the same Row?
 (1) U, S, and T (2) U, Q, and P (3) R, P, and T (4) U, R, and Q

- Direction(Q19 to Q 25) :** Read the following information carefully and answer the questions given below:

II. F is the 4th left of E

III. A is not between D and E but some other one.

IV. C is next left of F.

- (1) B (2) A (3) F (4) E

ANSWER KEY

Ques.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Ans.	3	4	1	3	4	3	4	2	3	4	4	3	1	2	3	4	1	3	1	3
Ques.	21	22	23	24	25															
Ans.	2	4	1	3	1															