

CHAPTER 11. SEATING ARRANGEMENTS

The process of making group of people to sit as per a prefixed manner is called seating arrangement these questions, some conditions are given on the basis of which students are required to arrange objects, either in a row or on in circular order.

1. Six Children A, B, C, D, E and F are sitting in a row facing towards North. C is sitting between A and E, D is not at the end. B is sitting immediate right of E, F is not at the right of end, but D is sitting 3rd left of E. Which of the following is right of D.

(a) A (b) F (c) E (d) C

Explanation: Answer (a)

According to the question A, B, C, D, E and F are sitting as follows.



Clearly A is sitting to the right of D.

2. Read the following information carefully and then answer the questions (i), (ii) and (iii).

Six friends A, B, C, D, E and F are sitting on a bench, facing towards North.

- I. A is sitting next to B.
- II. C is sitting left to D.
- III. D is not sitting with E.
- IV. E is on the left end of the bench.
- V. C is third position from right.
- VI. A is on the right side of B and to the right side of E.
- VII. A and C are sitting together.
- VIII. F is sitting Right of D.

(i) At what position A is sitting?

- (a) Between B and C (b) Between D and C
(c) Between E and D (d) Between C and E

(ii) What is position of B?

- (a) Second from right (b) Centre
(c) Extreme left (d) Second from left

(iii) What is position of D?

- (a) Extreme from left (b) Extreme right
(c) Third from left (d) Second from right.

Explanation: Arrangement according to the question is as follows.



2(i) Answer (a), A is sitting between B and C

2(ii) Answer (d), B is sitting second from left.

2 (iii) Answer (d), D is second from right

3. Read the following information carefully to answer the questions (i) and (ii)

- I. P, Q, R, S, T, U, and V are sitting along a circle facing the centre
- II. P is between V and S
- III. R, who is second to the right of S, is between Q and U
- IV. Q is not neighbour of T

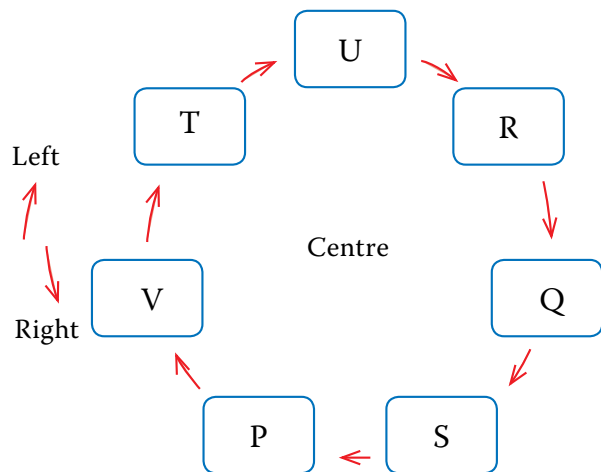
- 3 (i) Which of the following statement is a correct statement?

- (a) V is between T and P (b) S is second to left of V
(c) R is third to the left of P (d) P is to the immediate right of S

(ii) What is the position of P ?

- (a) P is immediate left of S (b) to the immediate left of V
(c) 2nd to the left of R (d) 2nd to the right of Q

Explanation: Following seating arrangement is formed from the given information.



(i) Answer (a), based on diagram V is sitting T and P.

(ii) Answer (a), based on diagram P is immediate left of S.

4. Read the following information carefully to answer the questions given below:

Seven boys A, B, C, D, E, F and G are standing in a line

- I. G is between A and D
- II. F and A have one boy between them
- III. D and C have two boys between them.
- IV E is immediate right of F.
- V. C and B have three boys between them

(i) Who is second from right?

- (a) C (b) G (c) E (d) F

(ii) Who is standing in the centre?

- (a) A (b) D (c) C (d) G

Explanation: Arrangements according to the question.



(i) Answer (d), Clearly F is second from right.

(ii) Answer (a), Clearly A is standing in the centre.