

Seating Arrangements

Past Trends

Attempt	Total
May 2018	4
Nov 2018	4
Jun 2019	4
Nov 2019	3
Nov 2020	2
Jan 2021	4
Jul 2021	4
Dec 2021	5
Jun 2022	2
Dec 2022	3
June 2023	3

Seating Arrangements - Basics

Meaning	The process of making a group of people to sit as per a prefixed manner is called Seating Arrangement	
Question Requirement	In these questions, some conditions are given on the basis of which students are required to arrange objects, either in a row or in a circular order.	
Types	Linear – One Row, Linear – Two Rows, Circular	
Pro-Tip of forming diagram	<ul style="list-style-type: none"> We need to make the diagram taking persons Name/ Alphabet Code First make multiple mini-diagrams using multiple small information. Try to connect these and make a master diagram. Be Careful about number of objects and their sense in the context In some cases if information is not very clear, we may need to make multiple diagrams and then decide the correct one eventually 	
Linear Arrangement (Single Row)	The arrangement is done only on one 'axis' and hence, the position of persons or objects is important in terms of order/ position.	
	Useful Interpretations	
	A is immediate left of P	Then it is sure no one is between A and P and A is just left of P
A is left of P	In this case A may be on exact left of P or may be at left after some places	•

Linear Arrangements MCQs

PYQ May 18
PYQ Jun 19

Five boys A, B, C, D and E are sitting in a row A is to the right of B and E is to the left of B but to the right of C. A is to the left of D. Who is second from the left end?

- a. D b. A c. E d. B

Ans: c



PYQ June 2019

Four girls are seated for a photograph. Shikha is to the left of Reena. Manju is to the right of Reena. Reeta is between Reena and Manju. Who is the second left in photograph?

- a. Reena b. Manju c. Reeta d. Shikha

Ans: a

Exercise (Modified)

Five boys are standing in a row facing East. Pavan is to the left of Tavan, Vipin and Chavan. Tavan, Vipin and Chavan are to the left of Nakul. Chavan is between Tavan and Vipin. If Vipin is fourth from the left, then how far Tavan from the left?

- a. First b. Second c. Third d. Fourth

Ans: b

Exercise (Modified)

There are eight books kept one over the other. Two books are on Organisation Behaviour, two books on TQM, three books on Industrial Relations and one book is on Economics. Counting from the top, the second, fifth and sixth books are on Industrial Relations. Two books on Industrial Relations are between two books on TQM. One book of Industrial Relations is between two books on Organizational Behaviour while the book above the book of Economics is a book of TQM. Which book is the fourth book from the top?

- a. Economics b. TQM c. Industrial Relations d. Organization Behaviour

Ans: b

Example

Four Children's are sitting in arrow. A is occupying seat next to B but not next to C. If C is not sitting next to D? Who is occupying seat adjacent to D.

- a. B b. B and A c. Can't Say d. A

Ans: d

Example

P, Q, R, S, T, U, V and W are sitting in a row facing North.

- (i) P is fourth to the right of T
 (ii) W is fourth to the left of S
 (iii) R and U, which are not at the ends, are neighbours of Q and T respectively.
 (iv) W is next to the left of P and P is the neighbor of Q.

Who are sitting at the extreme ends?

- a. T and P b. T and S c. Q and R d. U and S

Ans: b

PYQ Dec 21

In a line P is sitting 13th from the left. Q is sitting 24th from the right and 3rd left from P. How many people are sitting in the line?

- a. 34 b. 31 c. 32 d. 33

Ans: d

Exercise

Six children A, B, C, D, E and F are standing in a row. B is between F and D. E is between A and C. A does not stand next to either F or D. C does not stand next to D. F is between which of the following pairs of children?

- a. B and E b. B and C c. B and D d. B and A

Ans: b



PYQ May 18
PYQ Jun 19

Five children are sitting in a row. S is sitting next to P but not T. K is sitting next to R, who is sitting on the extreme left and T is not sitting next to K. Who is/are adjacent to S?

- a. K and P b. R and P c. Only P d. P and T

Ans: d

PYQ Nov 19

5 person are standing in a line. One of the 2 persons at the extreme ends is a professor and the other is a businessman. An advocate is standing to the right of a student. An author is to the left of the businessman. The student is standing between the professor and advocate. Counting from left, the author is at which place?

- a. 2nd b. 3rd c. 4th d. None

Ans: c

Exercise

Ten students are A to J are sitting in a row facing west.

- I. B and F are not sitting on either of the edges.
- II. G is sitting left of D and H is sitting to the right of J.
- III. There are four persons between E and A.
- IV. I is the north of B and F is the south of D.
- V. J is between A and D and G is in between E and F
- VI. There are two persons between H and C

1 Who is sitting at the seventh place counting from the left?

- a. H b. C c. J d. H or C

Ans: d

2 Who among the following is definitely sitting at one of the ends?

- a. C b. H c. E d. Cant Say

Ans: c

3 Who are immediate neighbours of I?

- a. BC b. BH c. AH d. Cant Say

Ans: d

4 Who is sitting second left of D?

- a. G b. F c. E d. J

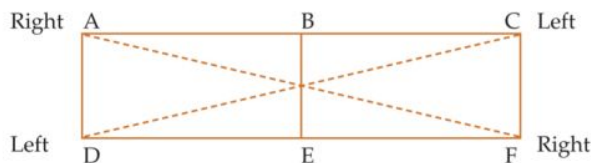
Ans: a

5 If G and A interchange their positions, then who become the immediate neighbours of E?

- a. G and F b. Only F c. Only A d. J and H

Ans: c

Two Rows
Linear
Arrangement



- A is sitting opposite to D
- B is sitting opposite to E
- C is sitting opposite to F
- D and C are sitting at diagonally opposite positions
- A and F are sitting at diagonally opposite positions



Exercise

Six persons M, N, O, P, Q and R are sitting in two rows with three persons in each row. Both the row are in front of each other. Q is not at the end of any row. P is second the left of R. O is the neighbour of Q and diagonally opposite to P. N is the neighbour of R. Who is in front N?

- a. R b. Q c. P d. M

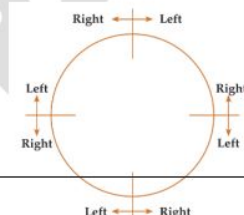
Ans: b

PYQ Nov 18

Six flats on a floor in two rows facing North and South are allotted to P, Q, R, S, T and U. Q gets a North facing flat and it is not next to S. S and U get diagonally opposite flat. R next to U gets a South facing flat and T gets a North facing flat. Whose flat is between Q and S?

- a. T b. U c. R d. P

Ans: a

Circular Arrangements	When person facing centre	Clockwise = Left Anticlockwise = Right	
	When person facing opposite to Centre	Clockwise = Right Anticlockwise = Left	

PYQ Dec 2021

Four ladies & A, B, C and D and Four Gentlemen E, F, G and H are sitting in a circle around a table facing each other.

- I. No two ladies or gentlemen are sitting side by side.
- II. C, who is sitting between G and E, is facing D.
- III. F is between D and A and facing G.
- IV. H is to the right of B.

1 Who is sitting left of A?

- a. E b. F c. G d. H

Ans: b

2 E is facing whom?

- a. F b. B c. G d. H

Ans: d

3 Who is immediate neighbours of B?

- a. GH b. EF c. EH d. FH

Ans: a

Example 11

Five people A, B, C, D and E are seated about a round table. Every chair is spaced equidistant from adjacent chairs.

- I. C is seated next to A.
- II. A is seated two seats from D.
- III. B is not seated next to A.

Which of the following must be true?

- I. D is seated next to B.
- II. E is seated next to A.

Select the correct from the options given below:

- a. Only I b. Only II c. Both d. None

Ans: c



PYQ Jun 22

If six persons are sitting in a hexagonal table are P, Q, R, S, T, U each facing the centre. P is seated opposite to Q who is between R and S. P is between T and U. T is left of S. Which of them is facing R?

- a. P b. Q c. U d. T

Ans: d

PYQ Dec 22

P, Q, R, and S are playing a game of carrom. P, R and S, Q are partners, 'S' is to the right of 'R'. If 'R' is facing West, then 'Q' is facing which direction?

- a. South b. North c. East d. West

Ans: b

MTP March
21

Eight friends A, B, C, D, E, F, G and H are sitting in circle facing the center. B is sitting G and D. H is third to the left of B and second to the right of A. C is sitting between A and G and B and E are not sitting opposite to each other? Who is third to left of D?

- a. F b. E c. A d. Cant Say

Ans: a

MTP Nov 19

Six friends A, B, C, D, E and F are sitting in row facing East. "C" is between 'A' and 'E'. 'B' is just to the right of 'E' but left of 'D'. 'F' is not right end. How many persons are to the left of E?

- a. 1 b. 2 c. 3 d. 4

Ans: c

