

Seating Arrangement

*The process of making a group of people to sit as per a prefixed manner is called **Seating Arrangement**. 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. While making arrangements, it should be noted that all the conditions given are compiled with.*

These type of the questions are most common that are asked in various examinations like CAT, XAT, IIFT, FMS and Bank PO. These type of questions generally involve five to eight individuals arranged in a certain fashion. They may have to be arranged in a row or in a circle.

Sometimes these questions are made more difficult by allowing an individual to a particular position with some conditions.

General Guide Lines to Solve 'Seating Arrangement' Questions

- Guide Line 1** First of all take a quick glance on the given information. After performing this step, you would get an idea of the situation of people or objects.
- Guide Line 2** Next, determine the usefulness of each informations and classify them accordingly into 'definite information', 'comparative informaton' and 'negative information'.
- Guide Line 3** When the place of any person or object is definitely mentioned then we say that it is a **definite information**. e.g., A is sitting on the right end of the bench.
- Guide Line 4** When the place of any person or object is not mentioned definitely but mentioned only in the comparison of another person or object, then we say that it is a **comparative information**.
e.g., A is sitting second to the right of E. This type of information can be helpful when we can get the definite information about E.
- Guide Line 5** A part of definite information may consist of **negative information**. A negative information does not tell us anything definitely but it gives an idea to eliminate a possibility.
e.g., C is not sitting on the immediate left of A.

Types of Questions Asked in Different Examinations

*There are multiple types of questions which are asked from the chapter 'Seating Arrangement', so it is quite difficult to predict exact type of questions that are asked, but on the basis of **Observation, Analysis and Experience**, here we are giving different types of questions that are usually asked in the examination. Almost all the questions at this chapter can be categorized into these types. Also, this description of type will make your study easy and streamline.*

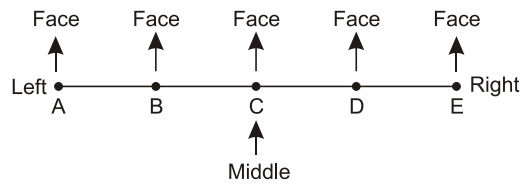
Type I Linear Arrangement

In this type of arrangement, we arrange people or objects in a line or row. The arrangement is done only on one 'axis' and hence, the position of people or objects assumes importance in terms of order like first position, second position... last position. In this type of arrangement, we take directions according to our left and right.

There are few words which must be paid adequate attention, i.e., 'between' means sandwiched, 'immediate left' is different from 'to the left'. To understand it let us see some pictorial representation.

One Row Sequence

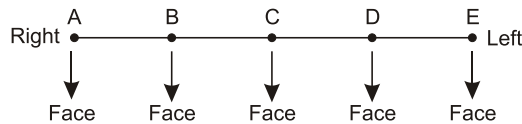
(A) When direction of face is not clear, then we take ourself as base and then the diagram will be as follows



From the above diagram, it is clear that

- (i) B, C, D, E are **right** of A but **only** B is the **immediate right** of A.
- (ii) D, C, B, A are **left** of E but **only** D is the **immediate left** of E.
- (iii) C, D, E are **right** of B **only** C is the **immediate right** of B.
- (iv) C, B, A are **left** of D but **only** C is the **immediate left** of D.
- (v) D and E are **right** of C but **only** D is the **immediate right** of C.
- (vi) B and A are **left** of C but **only** B is the **immediate left** of C.
- (vii) A is the **immediate left** of B while E is the **immediate right** of D.

(B) When direction of face is towards you, then the diagram will be as follows

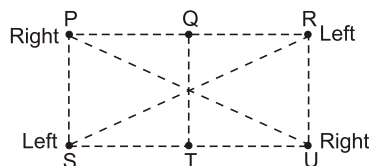


From the above diagram, it is clear that

- (i) **Left** of A = B, C, D and E
- (ii) **Right** of E = D, C, B and A
- (iii) B is **immediate left** of A; C is **immediate left** of B; D is **immediate left** of C and E is **immediate left** of D.
- (iv) D is **immediate right** of E; C is **immediate right** of D; B is **immediate right** of C; and A is **immediate right** of B.

Two Rows Sequence

Let us see 6 persons seating in two rows



From the above diagram, it is clear that

- (i) P is sitting **opposite** S
- (ii) Q is sitting **opposite** T
- (iii) R is sitting **opposite** U
- (iv) P and U are sitting at **diagonally opposite** positions.
- (v) S and R are sitting at **diagonally opposite** positions.

Solved Examples

(Based on Type I)

- Example 1.** A, B, C, D, E, F, G and H are sitting in a row facing North.
- (i) A is fourth to the right of E
 - (ii) H is fourth to the left of D
 - (iii) C and F, which are not at the ends, are neighbours of B and E respectively.
 - (iv) H is next to the left of A and A is the neighbour of B,
- Who are sitting at the extreme ends?

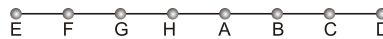
Solution From information (i), we get that there are three persons between A and E.

E X X X A

In the information (iv), it is given that H is next to the left of A and B is the neighbour of A. Using the information with (i), we get E X X H A B

By the information (ii), E X X H A B X D

By the information (iii),



So, E and D are sitting at the extreme ends.

Directions (Example Nos. 2 to 6) *Read the following information carefully and answers the questions given below.*

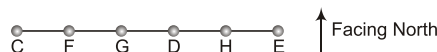
Six people : C, D, E, F, G and H are standing in a straight line facing North not necessarily in the same order. D is standing second to the right of F. C is standing fourth to the left of H and H is not standing on the extreme end of the line. E is standing second to the right of D. [Union Bank of India PO 2011]

2. What is the position of G with respect to E?
 - (a) Immediate left
 - (b) Second to the left
 - (c) Third to the left
 - (d) Third to the right
 - (e) None of these
3. Which of the following pairs represents the people standing at the extreme ends of the line?
 - (a) FH
 - (b) CE
 - (c) DE
 - (d) CH
 - (e) None of these
4. Who is standing second to the right of C?
 - (a) F
 - (b) D
 - (c) G
 - (d) E
 - (e) None of these
5. Four of the following five are alike in a certain way based on their positions in the above arrangement and so form a group. Which of the following does not belong to the group?
 - (a) CG
 - (b) GE
 - (c) GH
 - (d) DE
 - (e) FD
6. If all the people are asked to stand in an alphabetical order from left to right, the positions of how many will remain unchanged?
 - (a) One
 - (b) Two
 - (c) Three
 - (d) Four
 - (e) None of these

Solutions (2 to 6) D is standing second to the right of F. *i.e.*, F * D. E is standing second to the right of D *i.e.*, F * D * E. H is not standing on the extreme end of line and C is standing fourth to the left of H.

So, H must be standing between D and E.

Final position will be as following



2. G is standing third to the left of E. Hence, correct answer is (c).
3. C and E are standing on the extreme ends of the line. Hence, correct answer is (b).
4. G is standing second to the right of C. Hence, correct answer is (c).
5. GE does not belong to that group because there are two people between G and E while in others, there is only one person. Hence, correct answer is (b).
6. Present order

C	F	G	D	H	E
C	D	E	F	G	H

 Alphabetical order

C	D	E	F	G	H
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 So, position of C will remain unchanged. Hence, correct answer is (a).

Intro Exercise 1 (Based on Type 1)

Directions (Q. Nos. 1 to 3) Read the following information carefully and answer the questions given below.

- (i) A, B, C, D, E, F, G and H are standing in a row facing North.
- (ii) B is not neighbour of G.
- (iii) F is to the immediate right of G and neighbour of E.
- (iv) G is not at the extreme end.
- (v) A is sixth to the left of E.
- (vi) H is sixth to the right of C.

1. Who among the following are neighbours?

- (a) AB (b) CG (c) FH (d) CA
(e) None of these

2. Which one among the following defines the position of D?

- (a) Fourth to the right of H (b) Third to the right of A
(c) Neighbour of B and F (d) To the immediate left of B
(e) None of these

3. Which of the following is true?

- (a) C is to the immediate left of A
(b) D is neighbour of B and F
(c) G is to the immediate right of D
(d) A and E are at the extreme ends
(e) None of the above

Directions (Q. Nos. 4 to 8) Study the following information to answer the given questions.

A, B, C, X, Y and Z are seated in a straight line facing North. C is third to the right of Z and B sits second to the right of C. X sits to the immediate right of A. [Indian Bank PO 2011]

4. Which of the following represents the pair of persons sitting exactly in the middle of the line?

- (a) XB (b) ZB (c) BX (d) XC
(e) XY

5. What is X's position with respect to Z?

- (a) Immediate right of Z (b) Second to the left
(c) Third to the right (d) Second to the right
(e) None of these

6. Four of the following five are alike in a certain way based on their sitting positions in the above

arrangement and so form a group. Which is the one that does not belong to the group?

- (a) ZA (b) XC (c) CY (d) YB
(e) XA

7. How many persons are seated between A and C?

- (a) One (b) Two (c) Three (d) Four
(e) None of these

8. If A : X and Z : A, then Y : ?

- (a) Y (b) B (c) A (d) X
(e) None of these

Directions (Q. Nos. 9 to 13) Study the following information carefully and answer the given questions following it.

- (i) Eleven students A, B, C, D, E, F, G, H, I, J and K are sitting in the first row of a class facing the teacher.
- (ii) D, who is on the immediate left of F, is second to the right of C.
- (iii) A is second to the right of E, who is at one of the ends.
- (iv) J is the immediate neighbour of A and B and third to the left of G.
- (v) H is on the immediate left of D and third to the right of I.

9. Who is sitting midway between E and H ?
 (a) J (b) B
 (c) I (d) G
 (e) None of these
10. Which of the following statements is not true in the context of the above sitting arrangements?
 (a) There are seven students sitting between K and D
 (b) G is the immediate neighbour of I and C
 (c) H is the immediate neighbour of D and F
 (d) K is between E and A
 (e) F is third to the right of C
11. To obtain the respective seats of all the persons which statement given above is not required?
 (a) I (b) II (c) III (d) IV
 (e) None of these
12. Besides 'E', who among the following is at the extreme end?
 (a) K (b) F (c) B (d) Can't say
 (e) None of these
13. Which of the following groups is at the left of I?
 (a) AJB (b) GCH
 (c) HDF (d) GCH
 (e) None of these

Directions (Q. Nos. 14 to 16) *Read the following information carefully and answer the questions given below.*

- (i) There are five friends. (ii) They are standing in a row facing South.
 (iii) Jayesh is to the immediate right of Alok. (iv) Pramod is between Bhagat and Subodh.
 (v) Subodh is between Jayesh and Pramod.
14. Who is at the extreme left end?
 (a) Alok (b) Bhagat
 (c) Subodh (d) Data inadequate
15. Who is in the middle?
 (a) Bhagat (b) Jayesh
 (c) Pramod (d) Subodh
16. To find answers of the above two questions, which of the given statements can be dispensed with?
 (a) Only (i) (b) Only (v)
 (c) Only (iii) (d) Only (ii)
17. Six students are sitting in a row in an examination hall. K is sitting between V and R. V is sitting next to M. M is sitting next to B. B is sitting on the extreme left and Q is sitting next to R. Who are sitting adjacent to V?
 [FMS 2010]
 (a) M and R (b) M and K (c) K and R (d) M and Q

Directions (Q. Nos. 18 to 22) *Study the following information to answer the given questions.*

P, Q, R, S, T, V, X and Y are seated in a straight line facing North. P sits fourth to the left of V. V sits either sixth from the left end of the line or fourth from the right end of the line. S sits second to right of R. R is not an immediate neighbour of V. T and Q are immediate neighbours of each other but neither T nor Q sits at extreme ends of the line. Only one person sits between T and X. X does not sit at the extreme end of the line.

18. What is the position of Q with respect to P?
 (a) Fifth to the right (b) Immediate neighbour
 (c) Second to right (d) Third to left
 (e) None of these
19. Which of the following represents persons seated at the two extreme ends of the line?
 (a) P, V (b) Y, S (c) R, V (d) Y, P
 (e) R, Y
20. How many persons are seated between R and T?
 (a) One (b) Two (c) Three (d) Four
 (e) None of these
21. If P is related to Q and S is related to T in a certain way, to which of the following would V be related to following the same pattern?
 (a) Y (b) P (c) R (d) S
 (e) X
22. Who amongst the following sits exactly in the middle of the persons who sit second from the left and the person who sits fifth from the right?
 (a) V (b) Q
 (c) T (d) S
 (e) P

Directions (Q. Nos. 23 to 25) *Read the following information carefully and answer the questions given below.*

Six girls A, B, K, D, E and P are standing in a row. B is between D and P. A does not stand next to either P or D. K does not stand next to D. E stands between A and K.

23. P stands between
 (a) B and K (b) E and A (c) D and B (d) A and K
 (e) Can't be determined
24. Who occupy the extreme ends of the row?
 (a) D and E (b) D and A (c) A and P (d) B and E
 (e) None of these
25. K stands between
 (a) P and B (b) P and D
 (c) P and E (d) E and A
 (e) None of these

Directions (Q. Nos. 26 to 30) Study the following information carefully to answer these questions.

Eight members P, Q, R, S, T, V, H and L are sitting in two rows with equal number of members in each row. Members of one row are facing North and those in the other row are facing South. Each member in one row is sitting exactly opposite a member in the other row.

P sits in the row facing North, to the immediate right of H who is exactly opposite of R. L is to the immediate right of R and S is exactly opposite of T who is to the immediate right of P. V does not sit at any of the ends of any row.

- 26.** Which of the following members sit at the ends of the same row?
 (a) TH (b) SR
 (c) LQ (d) LT
 (e) None of these
- 27.** Who sits opposite of P?
 (a) L
 (b) Q
 (c) V
 (d) Cannot be determined
 (e) None of the above
- 28.** Which of the following members sit exactly opposite each other?
 (a) VQ (b) LV
 (c) VH (d) VP
 (e) None of these
- 29.** Who is to the left of V?
 (a) T (b) S (c) R (d) L
 (e) None of these
- 30.** Who sits to the right of Q?
 (a) H (b) L (c) V (d) R
 (e) None of these

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

Seven friends T, U, V, W, X, Y and Z are sitting in a straight line facing North. W sits fifth to the right of T. W does not sit at any of extreme ends. Two people sit between Z and X. Y sits third to the left of U. Y sits exactly in the middle. Z is not an immediate neighbour of Y.

[PNB PO 2010]

- 31.** What is Z's position with respect to W?
 (a) Second to the left (b) Third to the right
 (c) Fourth to the left (d) Third to the left
 (e) Fourth to the right
- 32.** Who is second to the right of T?
 (a) Y (b) X (c) U (d) V
 (e) None of these
- 33.** Four of the following five are alike in a certain way based on their sitting positions in the above line and so form a group. Which is the one that does not belong to the group?
 (a) UW (b) XV (c) ZT (d) YV
 (e) WX
- 34.** If all the seven friends are made to sit alphabetically from right to left, positions of how many will remain unchanged?
 (a) None (b) One (c) Two (d) Three
 (e) Four
- 35.** Who sit at the extreme ends of the line?
 (a) XZ (b) VX
 (c) YZ (d) XT
 (e) TU

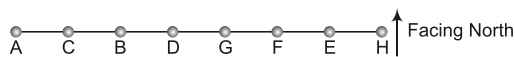
Directions (Q. Nos. 36 to 40) Study the following information carefully and answer the questions that follow.

- (i) Seven members of a family J, K, L, M, N, O and P are to be seated in a row from left to right. (The one standing at the left end will be called the 1st; the one standing at the right end, the 7th.)
- (ii) Their professions are lawyer, accountant, social worker, IAS, housewife, commissioner and student, though not necessarily in that order.
- (iii) The third person is the housewife.
- (iv) M, who is not the commissioner, will stand after the person who immediately follows N.
- (v) J is the social worker.
- (vi) The lawyer stands sixth.
- (vii) The accountant stands to the immediate left of the commissioner.
- (viii) P stands to the immediate right of O and to the immediate left of K.
- (ix) N, the student, stands fifth.

36. The person standing first from left is
 (a) O (b) the social worker
 (c) P (d) the commissioner
 (e) L
37. The person standing to the immediate left of M is
 (a) the housewife (b) J
 (c) the lawyer (d) K
 (e) the commissioner
38. Which of the following correctly matches a person with his/her profession?
 (a) O-IAS (b) K-housewife
 (c) L-commissioner (d) P-lawyer
 (e) M-accountant
39. Suppose, P has to go on account of an emergency and the family brings in the family servant Q, who stands to the immediate right of L. The sixth person from the left is now
 (a) K (b) J (c) N (d) Q
 (e) M
40. If in addition to the changes described in Q. 39 the housewife and her husband, the IAS, agree to interchange places, which of the following will be true?
 (a) M will stand after O but before J
 (b) K will be the only person to the right of L
 (c) There will be an equal number of persons to the left and to the right of J
 (d) There will be only one person to the right of N and to the left of K
 (e) The first and last person will be the same as before
41. In a college party, 5 girls are sitting in a row. P is sitting to the left of M and to the right of O. R is sitting to the right of N but to the left of O. Who is sitting in the Middle?
 [SSC 2010]
 (a) O (b) R
 (c) P (d) M
42. Six persons M, N, O, P, Q, R are sitting in two rows. Each row has three persons Q is not at the ends of any row. P is second to the left of R. O is the neighbour of Q and diagonally opposite to P. N is the neighbour of R. Who is opposite of N?
 [IAS 2010]
 (a) R (b) Q
 (c) P (d) M
43. From A to E, five buildings are in a row. A is to the right of B; E is to the left of C and to the right of A; B is to the right of D. Which building is exactly in the middle?
 [SSC 2008]
 (a) E (b) A
 (c) B (d) D

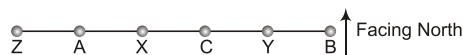
Answer with Explanations

Solutions (Q. Nos. 1 to 3) According to the given information, the final arrangement is as following



- (d) C and A are neighbours.
- (b) D is third to the right of A.
- (c) G is to the immediate right of D.

Solutions (Q. Nos. 4 to 8) According to the given information, the final arrangement is as following



- (d) X and C are sitting exactly middle of the line.
- (d) X is second to the right of Z.
- (e) XA does not belong to that group because in this pair, second person is sitting to the immediate left of first person, while in others first person is sitting to the immediate right of first person.
- (a) Only X is sitting between A and C.

- (b) In the given two pairs, second person is sitting to the immediate right first person. B is sitting immediate right of Y.

Solutions (Q. Nos. 9 to 13)

From (iii), A is second to the right of E, who is at one of the ends. So, E is at the left end.

From (iv), J is the immediate neighbour of A and B, it implies that J is sitting on the immediate right of A and B is sitting immediate right of J.

$$E * A J B * G \quad \dots(a)$$

From (ii) and (v), we get the following arrangement

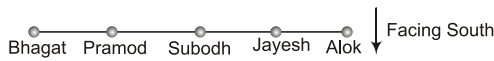
$$I C H D F \quad \dots(b)$$

From the arrangements (a) and (b), we can get the final arrangement

$$E K A J B I G C H D F$$

- (b) There are seven persons which are sitting between E and H. B is in the midway of them.
- (c) H is not the immediate neighbour of D and F
- (e) To get the final arrangement, we require all the statements.
- (b) F is at the extreme end.
- (a) A, J and B are at the left of I.

Solutions (Q. Nos. 14 to 16) According to the given information, the final arrangement is as following

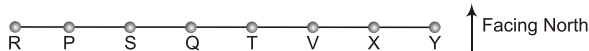


- 14. (a) Alok is at the extreme left end.
- 15. (d) Subodh is in the middle.
- 16. (a) Statement I is superfluous.
- 17. (b) According to the given information, the final arrangement is as following



So, M and K are sitting adjacent to V.

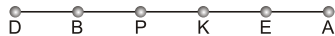
Solutions (Q. Nos. 18 to 22) According to the given information, the final arrangement is as following



- 18. (c) a is second to the right of P.
- 19. (e) R and Y are sitting on the extreme ends of line.
- 20. (c) Three persons P, S and Q are seated between R and T.
- 21. (a) In the given pairs, second person is seated second to the right of first person. So, V be related to Y as Y is sitting second to the right of V.
- 22. (d) Second from the left is P and fifth from the right is Q. S is sitting between P and Q.

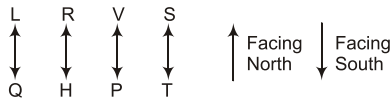
Solutions (Q. Nos. 23 to 25) B is between D and P. So, DBP or PBD.

E stands between A and K. So, AEK or KEA.
A does not stand next to either P or D and K does not stand to next D. So, the final arrangement will be as following



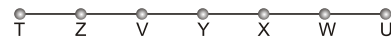
- 23. (a) P stands between B and K.
- 24. (b) D and A occupy the extreme ends of the row.
- 25. (c) K stands between P and E.

Solutions (Q. Nos. 26 to 30) According to given information, the final arrangement is as following



- 26. (e) LS and QT sit at the ends of same row.
- 27. (c) V sits opposite of P.
- 28. (d) V and P sit exactly opposite to each other.
- 29. (b) S is to the left of V.
- 30. (a) H sits to the right of Q.

Solutions (Q. Nos. 31 to 35) According to given information, the final arrangement is as following.



- 31. (c) Z is fourth to the left of W.
- 32. (d) V is second to the right of V.
- 33. (b) XV does not belong to the group there are not immediate neighbours while other pairs are immediate neighbours.
- 34. (a) Actual position T Z V Y X W U
Alphabetical position Z Y X W V U T
So, the position of none of the friends will remain unchanged.
- 35. (e) T and U sit at the extreme ends of line.

Solutions (Q. Nos. 36 to 40) From statements (iii), (vi) and (ix), we can get the following arrangement

Position	1	2	3	4	5	6	7
Name					N		
Profession			House wife		Student	Lawyer	

Now, from (iv) and (vii) statements,

Position	1	2	3	4	5	6	7
Name					N		M
Profession	Acc.	Comm.	House wife		Student	Lawyer	

J must be at position 4 and from statement (viii), O, P and K are together. So, they are at positions 1, 2 and 3 respectively. The final arrangement will be as following

Position	1	2	3	4	5	6	7
Name	O	P	K	J	N	L	M
Profession	Acc.	Comm.	House wife	Social worker	Student	Lawyer	LIAS

- 36. (a) The person standing first from left is O.
- 37. (c) The person standing to the immediate left of M is the lawyer.
- 38. (b) K is the house wife.
- 39. (d) The new order will be as following

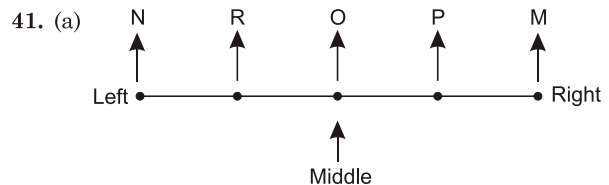
O K J N L Q M

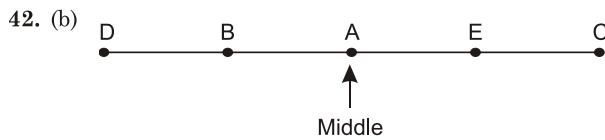
So, sixth person from the left is Q.

- 40. (a) The new order will be as following

O M J N L Q K

So, M will stand after O but before J.



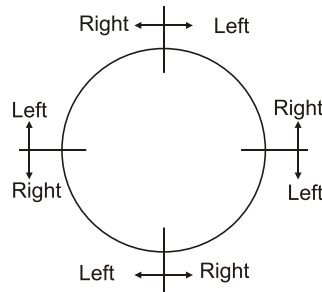


Type II Circular Arrangement

In this type of arrangement we arrange people or objects around a circle or a table. In case of people sitting around a table, the table could be of any shape i.e., rectangular, square, circular etc.

Circular Sequence

In this arrangement, some persons are sitting around a circle and they are facing the centre.



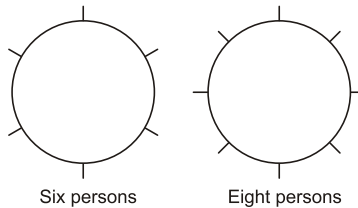
1. Left movement is called **clockwise** rotation.

2. Right movement is called **anti-clockwise** rotation.

(i) The above presentation is for 4 persons but for any number of persons, the direction is taken in the same manner.

(ii) For rectangular and sequence arrangement, directions are taken as discussed in two rows sequence.

The information given in questions specify the position of some or all the persons in the arrangement. The positions are specified through conditions like a particular person is sitting right or left of another person. After reading the given information, you should draw the shape specified in the question. Following two shapes are of six and eight persons sitting around a circle.



Solved Examples

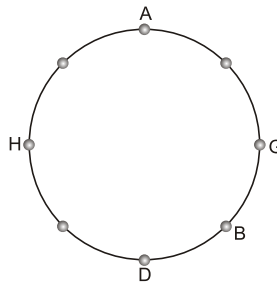
(Based on Type II)

Directions (Example Nos. 7 to 8) Read the following information and answer the questions based on it.

Eight friends A, B, C, D, E, F, G and H are sitting in a circle facing the centre. B is sitting between 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.

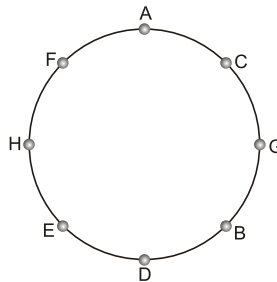
7. Who is third to the left of D?
 (a) F (b) E (c) A (d) Cannot be determined
 (e) None of these
8. Which of the following statements is not correct?
 (a) D and A are sitting opposite to each other (b) C is third to the right of D
 (c) E is sitting between F and D (d) A is sitting between C and F
 (e) E and C are sitting opposite to each other

Solution (7 to 8) First of all draw a circular figure having eight persons. Now, B is sitting between G and D. H is third to the left of B and second to the right of A.



Now, C is sitting between A and G and B and E are not opposite to each other.

So, the final arrangement will be as following



7. F is third to the left of D. So, correct answer is (a).
 8. E is not sitting between F and D. So, correct answer is (c).

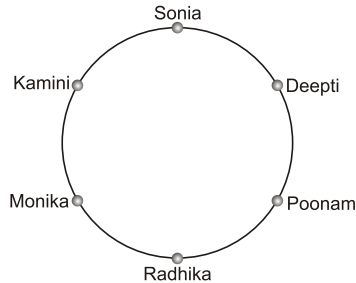
Directions (Example Nos. 9 to 11) Read the following information and answer the questions given below.

Six girls are sitting in a circle. Sonia is sitting opposite to Radhika. Poonam is sitting right of Radhika but left of Deepti. Monika is sitting left of Radhika. Kamini is sitting right of Sonia and left of Monika. Now, Deepti and Kamini, Monika and Radhika mutually exchange their positions.

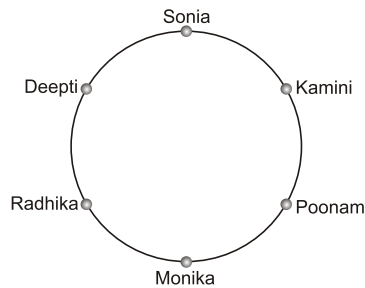
9. Who will be sitting opposite to Sonia?
 (a) Radhika (b) Monika (c) Kamini (d) Sonia
 (e) None of these
10. Who will be sitting left of Kamini?
 (a) Poonam (b) Deepti (c) Radhika (d) Sonia
 (e) None of these

11. Who will be sitting left of Deepti?
 (a) Sonia (b) Monika (c) Radhika (d) Poonam
 (e) Cannot be determined

Solutions (9 to 11) From the given information, initial arrangement will be as following



Now, Deepti and Kamini, Monika and Radhika mutually exchange their positions. So, final arrangement will be as following



9. Monika is sitting opposite to Sonia. So, the correct answer is (b).
 10. Poonam is sitting left of Kamini. So, the correct answer is (a).
 11. Sonia is sitting left of Deepti. So, the correct answer is (a).

Intro Exercise *(Based on Type 2)*

Directions (Q. Nos. 1 to 5) Study the following information carefully and answer the questions given below.

A, B, C, D, E, F, G, H and K are sitting around a circle facing the centre. B is fourth to the left of G who is second to the right of C. F is fourth to the right of C and second to the left of K. A is fourth to the right of K. D is not immediate neighbour of either K or B, H is third to the right of E. [Indian Bank PO 2010]

- | | |
|--|---|
| <p>1. Who is fourth to the right of D?
 (a) K (b) H
 (c) E (d) B
 (e) None of these</p> <p>2. In which of the following combinations is the third person sitting in between the first and second persons?
 (a) EKB (b) CHB
 (c) AGC (d) FGD
 (e) None of these</p> <p>3. Who is third to the right of H?
 (a) A (b) D (c) G (d) F
 (e) None of these</p> | <p>4. Who is the fourth to the left of E?
 (a) A
 (b) C
 (c) G
 (d) Data inadequate
 (e) None of the above</p> <p>5. Who is second to the right of ?
 (a) C
 (b) H
 (c) F
 (d) E
 (e) Data inadequate</p> |
|--|---|

Directions (Q. Nos. 6 to 10) Study the following information carefully to answer these questions.

Eight friends A, B, C, D, E, F, G and H are sitting around a circle facing the centre. B is third to the right of A, who is third to the right of C. F is second to the right of E who is not an immediate neighbour of B. D sits second to the left of H, who sits second to the left of G. [MHT CET 2008]

6. Who sits second of the left of A?
 (a) G (b) D (c) H (d) E
 (e) None of these
7. Who sits to the immediate left of B?
 (a) G (b) F (c) D (d) H
 (e) None of these
8. What is the position of H with respect to F?
 (a) To the immediate right (b) Third to the left
 (c) Second to the left (d) Second to the right
 (e) Third to the right
9. Four of the following five are alike in a certain way based on their positions in the given arrangement and so form a group. Which is the one that does not belong to the group?
 (a) AD (b) HG (c) EF (d) BF
 (e) CE
10. Which of the following pairs has the first person sitting to the immediate right of the second person?
 (a) BH (b) DF (c) CF (d) EA
 (e) None of these

Directions (Q. Nos. 11 to 15) Study the following information and answer these questions.

- I. A, B, C, D, E, F, G and H are eight friends sitting in a circle facing the centre.
 II. F is on the immediate right of D while B is on the immediate left of E.
 III. A is sitting opposite neither C nor H. And A is not the neighbour of H.
 IV. E and H are sitting adjacent to C.

11. Which of the following is wrong?
 I. F is to the immediate left of G.
 II. A is to the immediate right of D.
 III. H and D are sitting opposite each other.
 (a) Only I (b) Only II
 (c) Only III (d) II and III
 (e) All I, II and III
12. Which of the following are two pairs of adjacent members?
 (a) AF and BC
 (b) FH and BG
 (c) AG and CE
 (d) BG and AG
 (e) None of the above
13. What is the position of G?
 (a) Fourth to the left of F (b) Third to the left of B
 (c) Third to the right of B (d) Second to the left of D
 (e) None of these
14. Which of the following is/are correct?
 I. D is third to the left of E.
 II. D is fifth to the right of E.
 III. A and F are adjacent to each other.
 (a) Only I (b) Only II (c) I and II (d) II and III
 (e) All I, II and III
15. If A and E interchange places and so do F and H, then
 (a) G and C are adjacent to F (b) D and B are adjacent to A
 (c) E is not sitting opposite A (d) H is not sitting opposite F
 (e) H is fourth to the left of C

Directions (Q. Nos. 16 to 20) Study the following information carefully and answer the given questions.

A, B, C, D, E, F, G and H are sitting around a square table facing the centre in such a way that four of them sit at four corners of the square while four sit in the middle of each of the four sides.

- (i) A sits second to right of F. F sits in the middle of one of the sides of the table.
 (ii) G who does not sit at any of the corners of the table sits second to the right of D.
 (iii) Only two people sit between D and B (taken from one side).
 (iv) C is not an immediate neighbour of G.
 (v) H is sit second to left of B.
 (vi) E is not an immediate neighbour of G or F.

[Rajasthan Grameen Bank PO 2011]

16. Who sits exactly between F and A?
 (a) B (b) C (c) E (d) H
 (e) None of these
17. How many persons sit between A and H when counted in anti-clockwise direction from A?
 (a) None (b) One (c) Two (d) Three
 (e) Four
18. Four of the following five are alike in a certain way based on their sitting positions in the above arrangement and so form a group. Which is the one that does not belong to that group?
 (a) D (c) F
 (b) A (d) E
 (e) G

19. What is the position of F with respect to C?
 (a) Third to the left
 (b) Immediate to the right
 (c) Second to the left
 (d) Third to the right
 (e) Immediate to the left

20. What will come in place of the question mark (?) based upon the given sitting arrangement?
 AE EH HF ?
 (a) FE (b) HC
 (c) FD (d) DB
 (e) FH

Directions (Q. Nos. 21 to 25) Study the following information carefully and answer the questions given below.

P, Q, R, S, T, V, W and Z are sitting around a circle facing the centre. T is second to the right of R who is third to the right of P. S is second to the left of P and fourth to the right of Q. Z is third to the right of V who is not an immediate neighbour of P. [Corporation Bank PO 2010]

21. In which of the following combinations is the first person sitting in between the second and the third persons?
 (a) VTS (b) TZS
 (c) QRV (d) PWQ
 (e) VRT
22. Who is second to the right of T?
 (a) S (b) Z
 (c) P (d) R
 (e) None of these

23. What is P's position with respect to S?
 (a) Fourth to the left (b) Fourth to the right
 (c) Fifth to the left (d) Sixth to the left
 (e) Third to the right
24. Who is the immediate left to Z?
 (a) T (b) P (c) S (d) V
 (e) None of these
25. Who is second to the right of W?
 (a) R (b) Q (c) Z (d) S
 (e) None of these

Directions (Q. Nos. 26 to 30) Study the following information carefully and answer the questions given below.

A, B, C, D, E, F, G and H are sitting around a circle facing the centre. B is second to the right of D who is third to the right of F. C is second to the left of A who is second to the left of F. G is third to the right of E. [Allahabad Bank PO 2010]

26. In which of the following combinations is the first person sitting between the second and the third persons?
 (a) GCD (b) FGH
 (c) EFH (d) ABE
 (e) None of these
27. Who is third to the right of H?
 (a) G (b) D
 (c) C (d) Data inadequate
 (e) None of these

28. Who is to the immediate right of A?
 (a) B (b) E (c) F (d) Data inadequate
 (e) None of these
29. What is H's position with respect to B?
 (a) Fifth to the right (b) Third to the left
 (c) Fifth to the left (d) Third to the right
 (e) Fourth to the left
30. Who is to the immediate left of G?
 (a) H (b) F
 (c) D (d) Data inadequate
 (e) None of these

Directions (Q. Nos. 31 to 35) Study the following information carefully and answer the questions given below.

A, B, C, D, E, F, G, H and K are sitting around a circle facing the centre. F is fourth to the right of A who is third to the right of B. K is fourth to the left of B and third to the right of D. C is third to the right of H. E is second to the left of G. [SBI PO 2010]

31. Who is to the immediate right of F?
 (a) B (b) G (c) E
 (d) Data inadequate (e) None of these
32. Who is third to the right of K?
 (a) F (b) E (c) G (d) Data inadequate
 (e) None of these
33. What is E's position with respect to B?
 (a) Second to the left (b) Third to the right
 (c) Fourth to the right (d) Third to the left
 (e) Fifth to the right

34. Who is fourth to the left of G?
 (a) C (b) A (c) D (d) K
 (e) Data inadequate
35. In which of the following combinations is the third person sitting between the first and the second persons?
 (a) GFB (b) BGH
 (c) ADC (d) KEC
 (e) EGF

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

- (i) Eight persons E, F, G, H, I, J, K and L are seated around a square table—two on each side.
- (ii) There are three lady members and they are not seated next to each other.
- (iii) J is between Land F.
- (iv) G is between I and F.
- (v) H, a lady member is second to the left of J.
- (vi) F, a male member is seated opposite to E, a lady member.
- (vii) There is a lady member between F and I.

36. Who among the following are the three lady members?

- (a) E, H and J (b) E, G and J
(c) G, H and J (d) Cannot be determined
(e) None of these

37. Which of the following is true about J?

- (a) J is a male member
(b) J is a female member
(c) Sex of J cannot be determined
(d) Position of J cannot be determined
(e) None of the above

38. Who among the following is seated between E and H?

- (a) I (b) J (c) F
(d) Cannot be determined (e) None of these

39. Who among the following is to the immediate left of F?

- (a) G (b) J (c) I
(d) Cannot be determined (e) None of these

40. How many persons are seated between K and F?

- (a) One (b) Two (c) Three
(d) Cannot be determined (e) None of these

41. Six friends are playing cards sitting around a circle and facing the centre. Kanny is sitting to the left of Danny; Michel is sitting between Bobby and Johnny Rozer is between Kanny and Bobby. Who is sitting to the left of Michel? [SSC 2007]

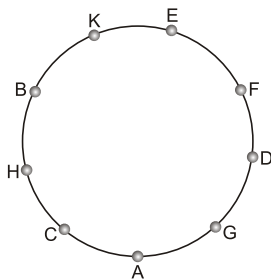
- (a) Danny (b) Johnny (c) Canny (d) Bobby

42. Radha, Sheela, Mahima and Seeta are sitting around a rectangular table. Radha is sitting to the right of Sheela. Mahima is sitting to the left of Seeta. Which of the following pair is sitting opposite each other? [SSC 2006]

- (a) Sheela-Seeta (b) Radha-Seeta
(c) Radha-Sheela (d) Mahima-Radha

Answer

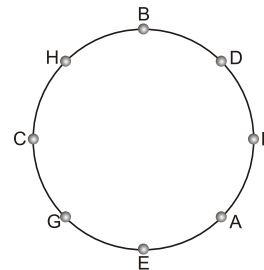
Solutions (Q. Nos. 1 to 5) According to given information, the final arrangement is as following



1. (d) B is fourth to the right of D.
2. (d) D is sitting between F and G.
3. (c) G is third to the right of H.
4. (a) A is fourth to the left of E.
5. (b) H is second to the right of K.

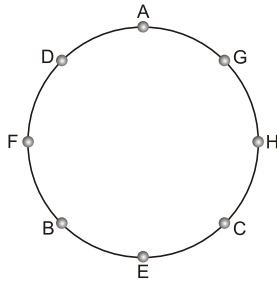
Explanations

Solutions (Q. Nos. 6 to 10) According to the given information, the final arrangement is as following

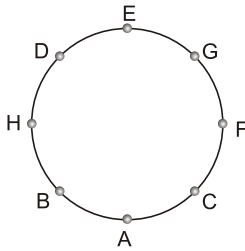


6. (a) G sits second to the left of A.
7. (c) D sits to the immediate left of B.
8. (e) H is third to the right of F.
9. (d) BF does not belong to that group because in this pair, second person is sitting second to the left of first person while in other pairs, second person is sitting second to the right of first person.
10. (b) D is sitting to the immediate right of F.

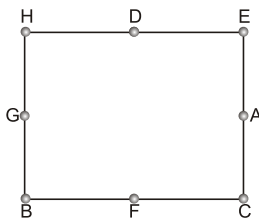
Solutions (Q. Nos. 11 to 15) According to given information, the final arrangement is as following



- 11. (e) All the three statements I, II and III are wrong.
- 12. (c) AG and CE are two pairs of adjacent members.
- 13. (d) G is second to the left of D.
- 14. (c) D is third to the left of E and he is also fifth to the right of E. So, Statements I and II are correct.
- 15. (a) The new arrangement will be as following

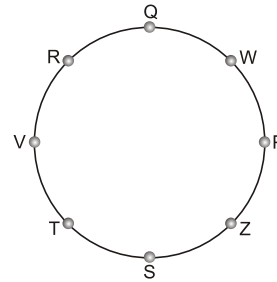


Solutions (Q. Nos. 16 to 20) According to given information, the final arrangement is as following



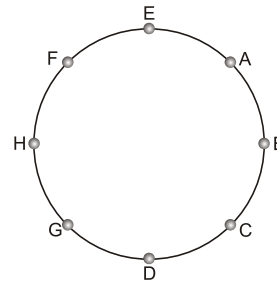
- 16. (b) C is between F and A.
- 17. (c) There are two persons E and D that are sitting between A and H, when counted in anti-clockwise direction from A.
- 18. (d) E does not belong to this group because E is sitting on a corner while all others are sitting in the middle of each side.
- 19. (e) F is to the immediate left of C.
- 20. (c) One more person sits in each successive pair of persons. Hence, three persons (C, A and E) are sitting between F and D.

Solutions (Q. Nos. 21 to 25) According to given information, the final arrangement is as following



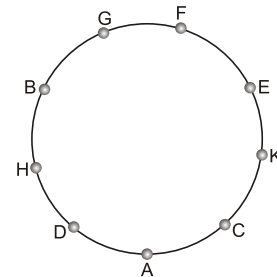
- 21. (e) V is sitting between R and T.
- 22. (b) Z is second to the right of T.
- 23. (d) P is sixth to the left of S.
- 24. (c) S is to the immediate left of Z.
- 25. (a) R is second to the right of W.

Solutions (Q. Nos. 26 to 30) According to given information, the final arrangement is as following



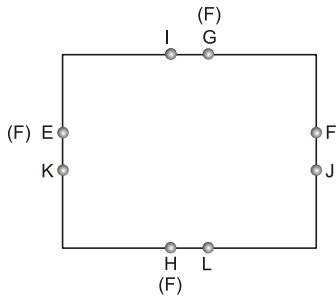
- 26. (d) A is sitting between B and E.
- 27. (e) C is third to the right of H.
- 28. (b) E is to the immediate right of A.
- 29. (e) H is fourth to the left of B.
- 30. (a) H is to the immediate left of G.

Solutions (Q. Nos. 31 to 35) According to given information, the final arrangement is as following

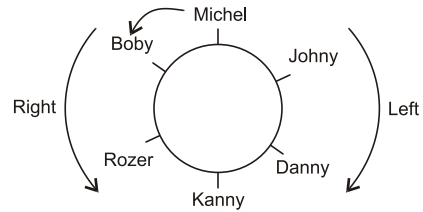


- 31. (b) G is to the immediate right of F.
- 32. (c) G is third to the right of K.
- 33. (d) E is third to the left of B.
- 34. (a) C is fourth to the left of G.
- 35. (e) F is sitting between E and G.

Solutions (Q. Nos. 36 to 40) According to given information, the final arrangement is as following.



- 36. (e) E, H and G are lady members.
- 37. (a) J is a male member.
- 38. (e) K is sitting between E and H.
- 39. (b) J is to the immediate left of H.
- 40. (c) Three persons (H, L and J) are seated between K and F.
- 41. (d)



- 42. (b)

