

Seating Arrangement Questions Overview

Seating Arrangement Questions have a good weightage in the Banking Exam and the type of question asked in Banking exam is similar to the question mentioned below. It has been solved and explained by Gargi.ai Experts and they have tried to elaborate the concept used in Seating Arrangement Questions.

Seating Arrangement Questions

Direction: Read the given information carefully and answer the following questions. Twelve friends play a game in which they divide themselves into two teams 1 and 2 of six members each. Both teams are standing in such a way that they face each other. Team 1 faces north and team 2 faces south. T neither faces S nor F. P stands opposite to B, who stands fifth to the left of U. S stands to the right of D and to the left of F. R, who belongs to Team 2 and is at the third position from the right end of his row, is not a neighbor of Q. D, S and F are members of Team 1 while C, T, and E are members of Team 2. A, who is standing opposite Q, is at the fifth position from the left end of his row. E and P belong to the same team. C is not an immediate neighbor of R.

Question

A belongs to which team?

Difficulty : Moderate

Average Time : 70 Seconds

Options :

1. Team 1
2. Team 2
3. The team to which P belongs
4. The team to which E belongs
5. Cannot be determined

Solution

The correct answer is **Option 1** i.e. **Team 1**

Decoding the puzzle:

First, let's find out each member of both teams:

1) D, S and F are members of Team 1 while C, T, and E are members of Team 2.

TEAM1	TEAM2
D, S, F	C, T, E

2) R, who belongs to Team 2 and is at the third position from the right end of his row, is not a neighbor of Q.

TEAM1	TEAM2
D, S, F	C, T, E, R

3) E and P belong to the same team. (This means P is in team2.)

TEAM1	TEAM2
D, S, F	C, T, E, R, P

4) P stands opposite B, who stands fifth to the left of U. (This means B and U are in the same team. Team 1 has 3 players left while Team 2 has only 1 member left, so B and U are in Team1.)

TEAM1	TEAM2
D, S, F, B, U,	C, T, E, R, P

5) A, who is standing opposite Q, is at the fifth position from the left end of his row. (From this we cannot determine the exact team A and Q belong to.)

Let's solve the puzzle:

P stands opposite B, who stands fifth to the left of U.

A, who is standing opposite Q, is at the fifth position from the left end of his row.

(Here, two cases are possible as shown in the figure)

DIAGRAM1

R, who belongs to Team 2 and is at the third position from the right end of his row, is not a neighbor of Q.

E stands at one of the extreme ends.

(This implies that E stands at the left extreme end of the row of team 2)

DIAGRAM2

S stands to the right of D and to the left of F.

E and P belong to the same team.

DIAGRAM3

T neither faces S nor F. (Here, Case1 is canceled.)

The remaining position will be occupied by C.

This will be our final arrangement:

DIAGRAM4

Clearly, A belongs to Team 1.

Hence, the correct answer is **Team 1**.

