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Seating Arrangement Questions for IBPS PO PRE, SBI PO PRE, SBI CLERK MAINS & IBPS CLERK MAINS

Set No 33

Directions: Read the given information carefully and answer the questions given beside:

Ten M.P.s were sitting in two parallel rows containing five persons each in such a way that there is an equal distance between adjacent M.P.s. In row 1: Ram, Shyam, Ramu, Damu and Sakaram are seated and all of them are facing south, and in row 2: Anuj, Manoj, Tanuj, Manush and Tanish are sitting and all of them are facing north. One seat is vacant in each row. In the given seating arrangement each M.P. seated in a row faces another M.P. of the other row or a vacant seat. All of them had a different constituency a different beverage, viz Agra, Mysore, Gwalior, Indore, Thane, Pune, Jaipur, Jabalpur, Shirdi and Patiala.

Manush sits third to the right of Tanuj and was from Indore.

Only two M.P.s sit between Manoj and a vacant seat.

Manoj's constituency was neither from Thane nor Gwalior.

Sakaram was not an immediate neighbour of Ramu.

Shyam was from Patiala.

The one whose constituency was from Gwalior faces the one whose constituency was from Jabalpur.

The one who was from Gwalior sits opposite the one, who sits third to the right of the one who sits opposite to Manush.

Ramu was not an immediate neighbour of Damu.

Tanish's constituency was neither from Thane or Pune nor faces a vacant seat.

Neither Manush nor Tanuj sits at an extreme end.

Damu faces Tanuj.

The vacant seats are not opposite each other

Ramu sits two places away from Shyam, who sits third to the right of the one whose constituency was from Jaipur.

The one who was from Shirdi faces the one who was from Indore.

The M.P.s who was from Agra and Jabalpur sit adjacent to each other.

The vacant seat of row 1 was not adjacent to Damu.

Manoj sits at one of the extreme ends.

The Vacant seat of row 1 is not opposite Manush and it is not at any of the extreme ends.

1. Which of the following statements is true regarding Anuj?

A. Anuj sits second to the right of Tanish.

B. Anuj is not an immediate neighbour of Manush.

C. Anuj sits third to the left of Tanuj.

D. Anuj sits at one of the extreme ends of the line.

E. None of these.

2. Who sits diagonally opposite to the one whose constituency is Pune?

- A. The one who sits on the immediate left of the one whose constituency is Shirdi.
- B. The one who faces the vacant seat in row 2.
- C. The one whose constituency is Jaipur
- D. The one who faces the person whose constituency is Mysore
- E. None of these

3. If Sakaram is related to the vacant seat of row 1 in the same way as Tanish is related to Anuj, then following the same pattern, the vacant seat of row 2 is related to who among the following?

- A. Manoj
- B. Damu
- C. Tanuj
- D. Anuj
- E. None of these

4. Which of the following is the constituency of Tanish?

- A. Patiala
- B. Mysore
- C. Gwalior
- D. Jabalpur
- E. None of these

5. Who sits second to the right of the one who faces the vacant seat of row 2?

- A. The one whose constituency is Indore
- B. The one whose constituency is Patiala
- C. The one whose constituency is Mysore
- D. The one whose constituency is Agra
- E. None of these

Correct Answers:

1	2	3	4	5
E	D	A	B	D

Common Explanations:

Reference:

Manush sits third to the right of Tanuj and was from Indore.

Neither Manush nor Tanuj sits at an extreme end.

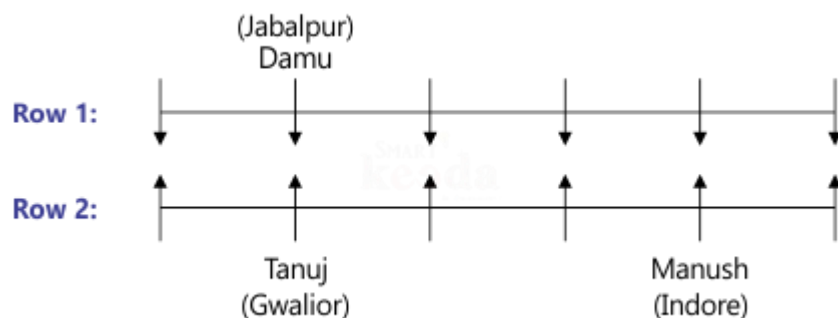
Damu faces Tanuj.

The one whose constituency was from Gwalior faces the one whose constituency was from Jabalpur.

The one who was from Gwalior sits opposite the one, who sits third to the right of the one who sits opposite to Manush.

Inference:

With the above hints we can fix the positions of Tanuj and Manush, and after that we can Damu according Tanuj. Here, we can also figure out the constituencies of Tanuj and Damu which are Gwalior and Jabalpur respectively.



Reference:

Only two M.P.s sit between Manoj and a vacant seat.

Manoj sits at one of the extreme ends.

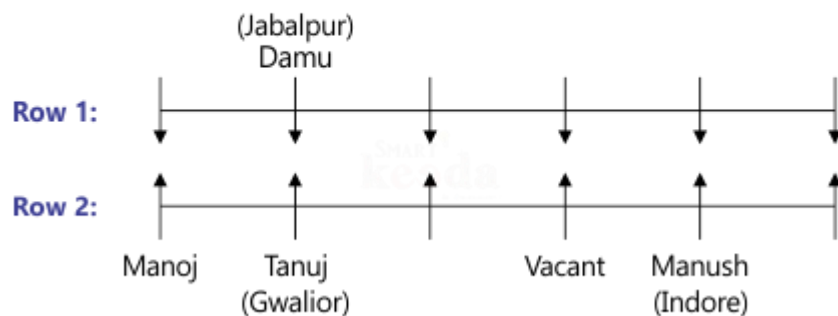
Inference:

At this point we have two possible scenarios in which we can place Manoj and a Vacant seat according to the given conditions.

Case 1:

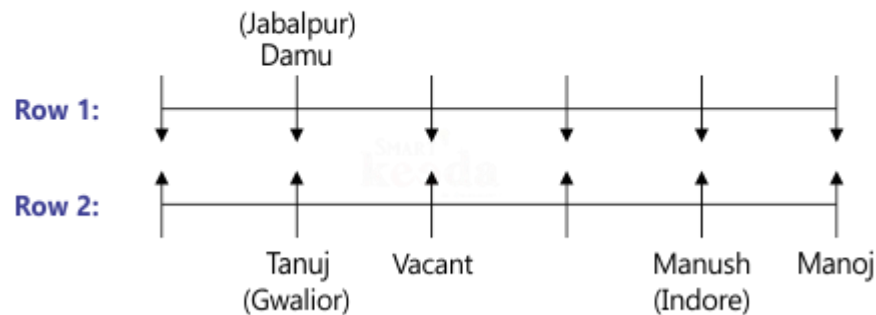
Manoj sits at extreme left end of the row.

Case - 1



Case 2:

Manoj sits at extreme right end of the row.

Case - 2**Reference:**

The vacant seats are not opposite each other

The vacant seat of row 1 was not adjacent to Damu.

The Vacant seat of row 1 is not opposite Manush and it is not at any of the extreme ends.

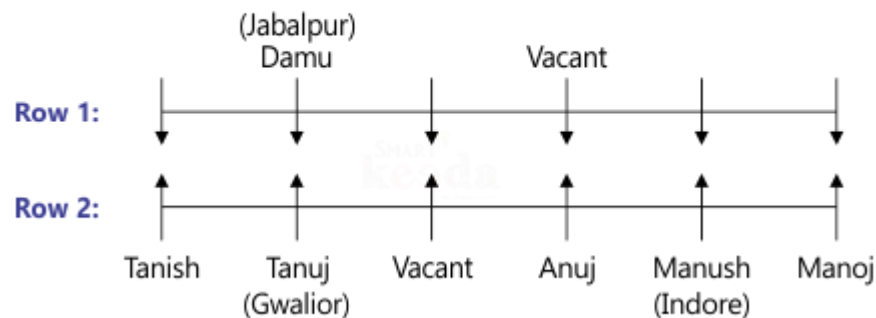
Tanish's constituency was neither from Thane or Pune nor faces a vacant seat.

Inference:

With the above hints we cannot place a vacant seat anywhere in the row1 without contradicting the given hints. So, we can say that this is an invalid case

But we can find the seat of row 1 in our case 2 with the above hints and after we can place Tanish using the last hint. And there is only one seat left in row 2 which will be filled by the last M.P. i.e. Anuj.

Here, we will also make mental note that Tanish's constituency was neither from Thane nor from Pune.

Case - 2**Reference:**

Ramu was not an immediate neighbour of Damu.

Ramu sits two places away from Shyam, who sits third to the right of the one whose constituency was from Jaipur.

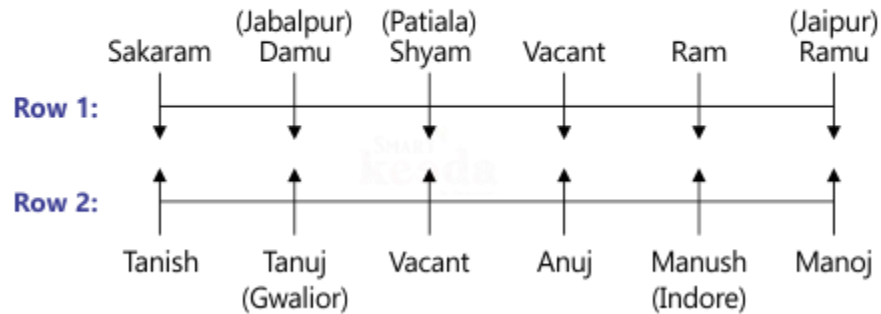
Sakaram was not an immediate neighbour of Ramu.

Shyam was from Patiala.

Inference:

With the first two hints we can place Ramu and Shyam, and can also find out that the constituency of Ramu is Jaipur. After that we can place Sakaram with the third hint and at this point there is only one vacant seat left in row 1 which will be filled by Ram. Now, with the help of fourth hint we can say that the constituency of Shyam is from Patiala.

Case - 2



Reference:

The M.P.s who was from Agra and Jabalpur sit adjacent to each other.

The one who was from Shirdi faces the one who was from Indore.

Manoj's constituency was neither from Thane nor Gwalior.

Inference:

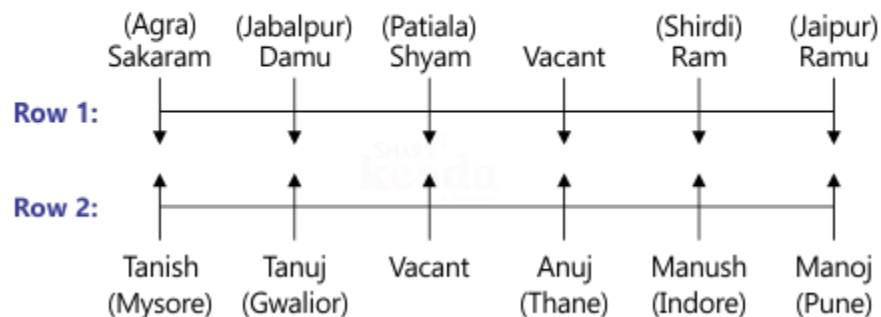
Using the first hint we can find out the constituency of Sakaram which is Agra and with the second hint we can say that the constituency of Ram is Shirdi.

Now, the third and last hints we can find constituency of Anuj and Manoj which are Thane and Pune respectively.

At this point there is only one M.P. Tanish left whose constituency is still unknown. And these also one constituency Mysore left whose M.P. is unknown. So, now we can say that the constituency of Tanish is Mysore.

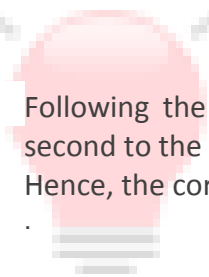
Now, the puzzle is completed.

Case - 2

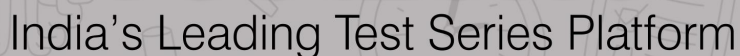


Answers :

1. Following the final solution we can say that the none of the given statements are is true regarding Anuj.
Hence, the correct answer is option E
2. Following the final solution we can say that the one who faces the person whose constituency is Mysore sits diagonally opposite the one whose constituency is Pune.
Hence, the correct answer is option D
3. Following the final solution we can say that if Sakaram is related to the vacant seat of row 1 in the same way as Tanish is related to Anuj, then following the same pattern, the vacant seat of row 2 is related to Manoj.
Hence, the correct answer is option A.
4. Following the final solution we can say that the constituency of Tanish is Mysore
Hence, the correct answer is option B
5. Following the final solution we can say that the one whose constituency is Agra i.e. Sakaram sits second to the right of the one who faces the vacant seat of row 2.
Hence, the correct answer is option D.



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