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Seating Arrangement Questions for SBI PO Pre, IBPS PO Pre, IBPS Clerk Mains and SBI Clerk Mains Exams.

Set No 62

Directions: Study the following information carefully and answer the questions given beside.

Ten friends Amol, Darsh, Farhan, Isaac, Jason, Kabir, Laksh, Neel, Samar and Ranbir are sitting in two parallel rows. Each row has six seats. Ten people are sitting on ten seats and there are two vacant seats. Therefore in the given seating arrangement each member seated in a row faces another member of the other row. In Row-1, all are facing south and in Row-2 all are facing north direction. In each row at least one vacant seat is there. Each of them likes different food namely Almond, Bread, Corn, Fish, Gumbo, Hot Dogs, Moose, Ostrich, Reuben and Toast. All the above information is not necessarily in the same order.

Neel sits second to the left of Isaac, who sits opposite to the one who like Reuben. The one who like Corn sits second to the right of the one who likes Fish. Jason sits third to the right of the one who likes Toast. The one who likes Almond sits immediate right of Isaac. Laksh sits second to the right of vacant seat of Row-1. Ranbir sits opposite to the one who is an immediate neighbour of Farhan. Two persons sit between the one who likes Reuben and the one who likes Moose, who sits at extreme end. Vacant seats are not at the extreme end. The one who likes Fish is sitting at extreme end. The one who likes Corn and the one who likes Ostrich sit opposite to each other. The one who likes Toast and the one who likes Gumbo sit opposite to each other. Samar sits second to the left of Kabir and does not like either Reuben or Gumbo. The one who likes Fish and the one who likes Bread sit diagonally opposite to each other. Only one person sits between Amol and Ranbir.

1. Who sits second to the left of the one who likes Ostrich?

A. Isaac   B. Ranbir   C. Laksh   D. Neel   E. Samar

2. How many persons sit between the one who like Gumbo and the one who sit opposite to Jason?

A. One   B. Two   C. Three   D. Either Two or Three   E. None

3. Who sits second to the right of the one who sits opposite to the one who like Almond?

A. Amol   B. Neel   C. Farhan   D. Kabir   E. Vacant seat

4. Which of the combinations of persons are seated in same row?

A. Jason, Amol, Isaac   B. Ranbir, Amol, Laksh   C. Isaac, Darsh, Samar   D. Laksh, Neel, Amol
E. Isaac, Darsh, Farhan

5. Four of the following five are alike in a certain way and hence form a group. Which of the following does not belong to the group?

A. Farhan and the one who like Toast   B. Isaac and the one who like Ostrich
C. Laksh and the one who like Bread   D. Kabir and the one who like Almond
E. Jason and the one who like Corn

Correct Answers:

1	2	3	4	5
B	A	D	E	C

Common Explanations:

References
Therefore in the given seating arrangement **each members seated in a row faces another members of the other row.**

In Row-1, all are facing south and in Row-2 all are facing north direction.

Two persons sit between the one who like Reuben and the one who like Moose, who sits at extreme end.

Neel sits second to the left of Isaac, who sits opposite to the one who like Reuben.

The one who like Almond sits immediate right of Isaac.

Inferences
From above statements,

- ●Note: Given, all the persons are facing each other, then vacant seats also opposite to each other.
- ●Also, we don't know who are all in each rows. So we have to solve based on the possibility.
- ●The one who like Moose, who sits at extreme end. Here we get 4 possibilities

Based on the other statements, we get following initial seating as shown,

Case: 1							
Row-1 (South) Food	Moose			Reuben			
Persons							
Persons		Neel		Isaac			
Food						Almond	
Row-2 (North)							

Case: 1-A							
Row-1 (South) Food			Reuben			Moose	
Persons							
Persons	Neel		Isaac				
Food				Almond			
Row-2 (North)							

Case: 2					
Row-1 (South) Food	Almond				
Persons			Isaac	Neel	
Persons					
Food Row-2 (North)			Reuben		Moose

Case: 2-A					
Row-1 (South) Food		Almond			
Persons				Isaac	Neel
Persons					
Food Row-2 (North)	Moose			Reuben	

Note: All the above cases are possible; only if two people are sit between the one who like Reuben and the one who like Moose. If there is vacant seat in between, then the position of the one like Reuben gets changed, with that all the others position also gets changed.

References

The one who like Fish is sit at extreme end.

The one who like Fish and the one who like Bread sits diagonally opposite to each other.

The one who like Corn sits second to the right of the one who like Fish.

The one who like Corn and the one who like Ostrich sits opposite to each other.

Vacant seats are not in the extreme end.

Inferences

From above statements,
- o By combining all above information, the following seating we obtained are
- o **In Case (1), the one who like Fish is sit at extreme end.**
- v. If the one who like Fish is sit at extreme left end of Row-1, then the one who like Corn sits second to the right of the one who like Fish is not possible.
- v. If the one who like Fish is sit at extreme right end of Row-2, then the one who like Corn sits second to the right of the one who like Fish is not possible.
- v. If the one who like Fish is sit at extreme left end of Row-2, then the one who like Corn sits second to the right of the one who like Fish is possible. But all the 5 seats (In Row-2) from left are filled by this statement. Then the vacant seat comes at extreme right end, which is not possible. So Case-1 is not possible with respect to above statements.

Note: All the above conditions explained (the one who like Fish, at end) is applicable for all above 4 cases. It means that, we can't continue all the above 4 cases as it is. From, here we clearly observe that the vacant seat is in between *the one who like Reuben and the one who like Moose. So we have to change all above 4 cases (1, 1-A, 2 & 2-A) with respect to the one who like Reuben.*

- o In Case (1), the one who like Fish is sit at extreme left end of Row-2. Then Neel likes Corn. The one who like Bread is sit at extreme left end of Row-1 and the one who like Ostrich sits opposite to Neel.
  [Note: **Position of** *the one who like Reuben & others are changed from initial solving]*

Case: 1				
Row-1 (South) Food	Moose	Ostrich	Reuben	Bread
Persons				
Persons		Neel	Isaac	
Food Row-2 (North)	Fish	Corn		Almond

In Case (1-A), both possibilities as above explained are not possible. If we not shifted the position of the one who like Reuben, then there is no place for Ostrich & Bread as shown in table. If we shift the position of the one who like Reuben, then there is no place for Neel. So this case is not possible in either way, hence it can be eliminated.

Case: 1-A [Eliminated]				
Row-1 (South) Food		Reuben/ Ostrich		Moose/Bread
Persons				
Persons	Neel	Isaac		
Food Row-2 (North)	Fish	Corn	Almond	

- o In Case (2), the one who like Fish is sit at extreme left end of Row-1. Then Neel likes Corn. The one who like Bread is sit at extreme left end of Row-2 and the one who like Ostrich sits opposite to Neel.
  [Note: **Position of** *the one who like Reuben & others are changed from initial solving]*

Case: 2				
Row-1 (South) Food	Almond		Corn	Fish
Persons		Isaac	Neel	
Persons				
Food Row-2 (North)	Bread	Reuben	Ostrich	Moose

- In Case (2-A), both possibilities as above explained are not possible. If we not shifted the position of the one who like Reuben, then there is no place for Ostrich & Bread as shown in table. If we shift the position of the one who like Reuben, then there is no place for Neel. So this case is not possible in either way, hence it can be eliminated.

Case: 2-A [Eliminated]					
Row-1 (South) Food		Almond	Corn		Fish
Persons			**Isaac**		**Neel**
Persons					
Food Row-2 (North)	Moose/ Bread		Reuben / Ostrich		

Note: Out of 4 cases, two are eliminated and two (Case-1 & 2) are left to continue.

References
Laksh sits second to the right of Row-1, vacant seat.

Jason sits third to the right of the one who like Toast.

The one who like Toast and the one who like Gumbo sits opposite to each other.

Inferences
From above statements,
- In Case-1, the vacant seat in Row-1 is 3rd from the left end and vacant seat in Row-2 is 3rd from the right end.
- Laksh sits on the immediate right of the one who like Ostrich.
- Jason sits third to the right of the one who like Toast. Here no place for Jason as per the statement. Hence this can be eliminated.

Case: 1 [Eliminated] Jason sits third to the right of the one who like Toast. No place for Jason in either of the rows						
Row-1 (South) Food	Moose		Ostrich	Vacant	Reuben	Bread
Persons		Laksh				
Persons			Neel		Isaac	
Food Row-2 (North)	Fish		Corn	Vacant		Almond

- In Case-2, we get two possibilities for vacant seats in both rows as shown in table. The vacant seat in Row-1 is 4th from the left end and vacant seat in Row-2 is 4th from the right end. Laksh likes Almond sit extreme right end of Row-1. Jason sits third to the right of the one who like Toast. Here no place for Jason as per the statement. Hence this can be eliminated.

Case: 2[Eliminated] Jason sits third to the right of the one who like Toast. No place for Jason in either of the rows						
Row-1 (South) Food	Almond		Vacant	Corn		Fish
Persons	Laksh	Isaac		Neel		
Persons						
Food Row-2 (North)	Bread	Reuben	Vacant	Ostrich		Moose

- In Case-2-B, the vacant seat in Row-1 is 2nd from the left end and vacant seat in Row-2 is 2nd from the right end. Laksh sits on the immediate right of Neel. Here Jason likes Moose sit at extreme right end of the Row-2. Laksh like Gumbo and sits opposite to the one who like Toast.

By using above all information, we get the following case-2-B as shown below.

Case: 2-B						
Row-1 (South) Food	Almond		Gumbo	Corn	Vacant	Fish
Persons		Isaac	Laksh	Neel		
Persons						Jason
Food Row-2 (North)	Bread	Reuben	Toast	Ostrich	Vacant	Moose

References
Samar sits second to the left of Kabir and does not like either Reuben or Gumbo.

Only one person sits between Amol and Ranbir.

Ranbir sits opposite to the one who is an immediate neighbor of Farhan.

Inferences
From above statements

- Samar likes Bread & sit at extreme left end of Row-2 and Kabir likes Toast (Only possibility)
- Ranbir likes Reuben and Amol likes Ostrich (Only possibility with 3rd reference pint)
- Farhan likes Almond and his immediate neighbor is Isaac & Isaac faces Ranbir. So the given condition satisfied.
- Finally, Isaac likes Hot Dogs and Darsh likes Fish. Thus we get completed arrangement of all persons.

Case: 2-B					
Row-1 (South) Food	Almond	Hot Dogs	Gumbo	Corn	Vacant	Fish
Persons	Farhan	Isaac	Laksh	Neel		Darsh
Persons	Samar	Ranbir	Kabir	Amol		Jason
Food Row-2 (North)	Bread	Reuben	Toast	Ostrich	Vacant	Moose

Answers :

1. The following common explanation, we get **"Ranbir"**.
Amol like Ostrich and his/her 2nd left is Ranbir.
Hence, option B is correct.

2. The following common explanation, we get **"One"**.
Laksh like Gumbo & Darsh (Opposite of Jason).
In between Laksh and Darsh, 1 person sitting & 1 vacant seat is there.
Hence, option A is correct.

3. The following common explanation, we get **"Kabir"**.
Farhan like Almond & Opposite of Farhan is Samar. Kabir is 2nd to the right of Samar
Hence, option D is correct.

4. The following common explanation, we get **"Isaac, Darsh, Farhan"** are seated in Row-1
Hence, option E is correct.

5. The following common explanation, we get **"Laksh and the one who like Bread"**.

Explanation: Laksh & his Opposite person is Kabir. Kabir's 2nd left is Samar. Samar likes Bread [i.e Laksh and Opposite Person's 2nd left is Paired].

Remaining 4 options are paired,

Person and Opposite Person's 2nd Right Example: Farhan opposite is Samar. Samar's 2nd right is Kabir. Kabir likes Toast.

Hence, option C is correct.