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

Set No 74

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

Ten candidates Aravind, Ram, Atal, Arivu, Anbu, Vernish, Fazith, Ragu, Nithya and Aruna are seated in a Row which contains twelve seats. All the people facing the north direction and there are two vacant seats. Each of them likes different Banks to work such as BOB, Dena Bank, BOI, Canara Bank, LVB, Axis Bank, RBI, Corporation bank, HDFC Bank and IOB. All the given information is not necessarily in the same order.

Anbu sits third to the left of one of the vacant seats. The only neighbor of the person who likes Corporation Bank sits second to the left of Atal. Arivu sits second to the right of one of the vacant seats. Ram does not like IOB. Vernish sits immediate left of the person who likes RBI. There is no vacant seat at the extreme ends. The person who likes BOI and Canara Bank are immediate neighbors. Aravind sits second to the left of Ram. The person who likes LVB and Axis Bank are immediate neighbors. Only one person sits between Aruna and one of the vacant seats. The person who likes Dena Bank and IOB are immediate neighbors. Fazith sits third from the left end and likes RBI. The person who likes BOB sits second to the right of one of the vacant seat. No person sits between Ram and Aruna. Nithya neither likes IOB nor BOI. There is one vacant seat between Ragu and Nithya and no other person sit between them. No person sits between Aravind and Fazith. Five people seated between two vacant seats. Aruna is not a neighbor of Anbu. Arivu does not like BOB. Ram is not a neighbor of the vacant seat. Vernish likes Axis Bank. One of the immediate neighbors of Ram likes Dena Bank. Only one person sits to the left of Vernish.

1. Who among the following likes Canara Bank?

- A. Arivu B. Nithya C. Ragu D. Ram E. Can't be determined

2. Who sits third to the right of the person who likes Axis bank?

- A. Aravind B. The person who likes RBI C. The person who likes Corporation Bank D. Both A and C
E. Cannot be determined

3. Who among the following sits exactly between the person who likes Corporation Bank and the person who likes IOB?

- A. Aruna B. The person who likes BOB C. The person who likes Dena Bank D. Ram
E. None of these

4. How many people sit to the right of the person who likes BOI?

- A. None B. One C. Two D. Three E. More than three

5. Find the odd one out.

- A. Fazith - RBI B. Raghu - IOB C. Aruna - BOB D. Anbu - LVB E. Nithya - Dena Bank

Correct Answers:

1	2	3	4	5
B	D	D	A	D

Common Explanations:

References

Fazith sits third from the left end and likes RBI.

Vernish sits immediate left of the person who likes RBI.

Vernish likes Axis Bank.

Only one person sits to the left of Vernish.

No person sits between Aravind and Fazith.

Aravind sit second to the left of Ram.

Ram is not a neighbor of the vacant seat.

There is no vacant seat at the extreme ends.

Five people seated between two vacant seats.

Inferences

From above statements,

- Some of the information is given directly and it can be placed first in the seating as follows,
- No person sits between Aravind and Fazith. Here it may be they are immediate neighbors or there is one vacant seat in between (two possibilities)**
- In Case (1), No vacant seat at extreme ends. Ram is not a neighbour of the vacant seat. There is 5 people sit between two vacant seats. To satisfy all this condition, then Case (1) is not possible. So it can be eliminated.

Person↑	Case: 1 [Eliminated] Not satisfied: Ram is not a neighbor of the vacant seat. No vacant seat at extreme ends. There is 5 people sit between two vacant seats.						
	Vernish	Fazith	Aravind	Ram			
Banks (North)	Axis Bank	RBI					

- In Case (2), all above said conditions are satisfied and we get the initial seating arrangement as follows,

Person ↑	Case: 2					
	Vernish	Fazith	Vacant	Aravind	Ram	Vacant
Banks (North)	Axis Bank	RBI	Seat			Seat

References

There is one vacant seat between Ragu and Nithya and no other person sit between them.

Anbu sits third to the left of one of the vacant seats. Aruna is not a neighbour of Anbu.

No person sits between Ram and Aruna.

Only one person sits between Aruna and one of the vacant seats.

Arivu sits second to the right of one of the vacant seats. Arivu does not like BOB.

The person who likes BOB sits second to the right of one of the vacant seat.

The only neighbour of the person who likes Corporation Bank sits second to the left of Atal.

Inferences

From above statements,

- There is one vacant seat between Ragu and Nithya and no other person sit between them. Therefore Nithya/Ragu sits 2nd or 4th from the right end (only possibility).
- Anbu sits third to the left of one of the vacant seats. Here Anbu sits at extreme left end (only possibility)
- No person sits between Ram and Aruna .Only one person sits between Aruna and one of the vacant seats. [Here, we get two possibilities as shown in Case 2 & Case 2-A]
- Arivu sits second to the right of one of the vacant seats. Arivu does not like BOB. [Here, in case (2), we get only one possibility that is; Arivu sits at extreme right end. But in case(2-A) we get one more possibility as we don't know the exact vacant seat and it is shown in Case 2-B]
- The person who likes BOB sits second to the right of one of the vacant seat. Here it is followed in each case shown.
- Now, remaining only person is Atal and he seated as per the place left in each case.
- The only neighbour of the person who likes Corporation Bank sits second to the left of Atal. [Based on this condition, Case 2-A & 2-B are eliminated as shown in fig]

Note: Aravind who likes Corporation Bank and his only neighbour is Aruna. Aruna sits second to the left of Atal. This condition not satisfied in case 2-A and Case 2-B

Person ↑	Case: 2											
	Anbu	Vernish	Fazith	Vacant	Aravind	Aruna	Ram	Atal	Nithya/Ragu	Vacan	Nithya/Ragu	Arivu
Banks (North)		Axis Bank	RBI	Seat	Corporation Bank	BOB				Seat		BOB

Person ↑	Case: 2-A [Eliminated]											
	Not Satisfied: The only neighbour of the person who likes Corporation Bank sits second to the left of Atal.											
	Anbu	Vernish	Fazith	Vacant Seat	Aravind	Arivu	Ram	Aruna	Nithya/Ragu	Vacant Seat	Nithya/Ragu	Atal
Banks (North)		Axis Bank	RBI			BOB						BOB

Person ↑	Case: 2-B [Eliminated]											
	Not Satisfied: The only neighbour of the person who likes Corporation Bank sits second to the left of Atal.											
	Anbu	Vernish	Fazith	Vacant Seat	Aravind	Atal	Ram	Aruna	Nithya/Ragu	Vacant Seat	Nithya/Ragu	Arivu
Banks (North)		Axis Bank	RBI			BOB						BOB

Note: From above statements, Case (2-A) and Case (2-B) are eliminated. Only Case (2) is left to continue.

References

Ram does not like IOB. One of the immediate neighbors of Ram likes Dena Bank.

The person who likes Dena Bank and IOB are immediate neighbors.

The person who likes LVB and Axis Bank are immediate neighbors.

The person who likes BOI and Canara Bank are immediate neighbors.

Nithya neither likes IOB nor BOI.

Inferences

From above statements,

- Ram does not like IOB and Nithya does not like IOB. The person who likes Dena Bank and IOB are immediate neighbors. One of the immediate neighbors of Ram likes Dena Bank. Then Atal likes Dena Bank and Ragu likes IOB.

- The person who likes LVB and Axis Bank is immediate neighbors. Then Anbu likes LVB as per seating arrangement.
- Nithya does not like BOI and the person who likes BOI and Canara Bank is immediate neighbors. Then Nithya likes Canara Bank and Arivu likes BOI.
- Finally, Ram likes HDFC Bank. Thus we get the final table as follows,

Person↑	Case: 2											
	Anbu	Vernish	Fazith	Vacant	Aravind	Aruna	Ram	Atal	Ragu	Vacant	Nithya	Arivu
Banks (North)	LVB	Axis Bank	RBI	Seat	Corporation Bank	BOB	HDFC Bank	Dena Bank	IOB	Seat	Canara Bank	BOI

Answers :

1. The following common explanation, we get "**Nithya-Canara Bank**".
Hence, option B is correct.
2. The following common explanation, we get "**Vernish(Axis Bank) and his 3rd right is Aravind who likes Corporation Bank**".
Hence, option D is correct.
3. The following common explanation, we get "**Ram sits exactly between Aravind (Corporation Bank) and Ragu (IOB)**".
Hence, option D is correct.
4. The following common explanation, we get "**None**" Arivu likes BOI sits at extreme right end.
Hence, option A is correct.
5. In the following common explanation shown that Nithya likes Canara bank.
Hence, option D is correct.



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