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Seating Arrangement Questions for IBPS PO Pre, IBPS RRB Scale I Pre, SBI PO Pre, Syndicate Bank PO, Canara Bank PO, IBPS SO Pre, IBPS Clerk Mains and SBI Clerk Mains Exams.

Set No 122

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

Ten persons are seated in two parallel rows, each having six seats. Two seats are vacant. Lavanya, Manoj, Nitin, Oviya and Pravin are sitting in Row-1 and facing north direction. Qasim, Rahul, Tahir, Sairam and Uday are sitting in Row-2 and facing south direction. They all like different colours among Violet, Indigo, Blue, Green, Yellow, Orange, Red, White, Black and Purple but not necessarily in the same order.

No person sits between Sairam and Tahir, who is facing Pravin. Pravin sits immediate left of vacant seat. Sairam faces Lavanya, who likes Red color. Qasim likes Green colour sits fourth to the left of Sairam. The person who likes Indigo sits third to the right of person who likes Yellow. Manoj likes Blue and sits at the extreme end. Pravin doesn't like Yellow and the person who likes Yellow faces north direction. Manoj does not face the person who likes Green colour. Uday likes Purple colour and sits at one of the extreme ends. Oviya sits third to the left of the person who likes Indigo colour. Rahul likes Orange colour and sits third to the left of the person who likes Black colour. The person who likes Violet colour and the person who likes White colour are facing each other. The person who likes Violet colour sits second to the right of Lavanya. Manoj sits to the left of Pravin.

1. Who sits between Tahir and the person who likes Green?

- A. The person who likes white
- B. The person who likes violet
- C. The person who likes orange
- D. The person who likes black
- E. None of these

2. 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. The person who likes green
- B. The person who likes purple
- C. The person who likes blue
- D. The person who likes indigo
- E. The person who likes violet

3. What is the position of the person who likes Orange?

- A. Fifth from left end
- B. Third from the right end
- C. Second from the left end
- D. Fourth from the right end
- E. None of the above

4. Who sits between the person who likes Blue and the person who likes Violet?

- A. The person who likes Red and person Pravin
- B. The person who likes Yellow and the person who likes indigo
- C. The person Tahir and Pravin
- D. The person who likes Yellow and the person who likes Red
- E. None of the above

5. Who sits to the immediate right of the person who likes White?

A. The person who likes orange
D. The person who likes indigo

B. The person who likes black
E. None of these

C. The person who likes purple

Correct Answers:

1	2	3	4	5
C	E	C	D	E



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COMMON EXPLANATION:

References:

Lavanya, Manoj, Nitin, Oviya and Pravin are sitting in Row-1 and facing north direction.

Qasim, Rahul, Tahir, Sairam and Uday are sitting in Row-2 and facing south direction.

Manoj likes Blue and sits at the extreme end.

Manoj does not face the person who likes Green colour.

Manoj sits to the left of Pravin.

Qasim likes Green colour and sits fourth to the left of Sairam.

Sairam faces Lavanya, who likes Red colour.

No person sits between Sairam and Tahir, who is facing Pravin.

Pravin sits immediate left of vacant seat.

Inferences:

From above statements,

Manoj likes Blue sits at the extreme end. Manoj does not face the person who likes Green colour. Manoj sits to the left of Pravin.

Manoj sits to the left of Pravin. Therefore Manoj sits extreme left end in Row-1.

No person sits between Sairam and Tahir, who is facing Pravin.

Here, we get one more possibility i.e. Sairam and Tahir are may be the immediate neighbors or one vacant is there between Sairam and Tahir. It is shown in following case,

By using all other information we get the following case,

Case 1: Manoj sits at the extreme left end of the Row-1 and likes Blue colour (only possibility). Sairam and Tahir are immediate neighbors.

Case:1						
Colour [Row-2]						Green
Person [South]		Sairam	Tahir			Qasim
Person [North]	Manoj	Lavanya	Pravin	Vacant		Manoj
Colour[Row-1]	Blue	Red				

Case 1-A: Manoj sits at the extreme left end of the Row-1 and likes Blue colour (only possibility). There is one vacant seat is there between Sairam and Tahir.

Case:1-A						
Colour [Row-2]			Vacant			Green
Person [South]		Sairam		Tahir		Qasim
Person [North]	Manoj	Lavanya		Pravin	Vacant	Manoj
Colour[Row-1]	Blue	Red				

References:

The person who likes Indigo sits third to the right of person who likes Yellow.

Pravin doesn't like Yellow and the person who likes Yellow faces north direction.

Inferences:

From above statements,

Case 1: There is no place for the one who likes Indigo and the one who likes Yellow with 2 gaps in Row-1. Hence this case becomes invalid and can be eliminated.

Case:1 [Eliminated] No place for yellow and Indigo						
Colour [Row-2]						Green
Person [South]		Sairam	Tahir			Qasim
Person [North]	Manoj	Lavanya	Pravin	Vacant		Manoj
Colour[Row-1]	Blue	Red	Yellow			

Case 1-A: The one who likes Indigo sits on extreme right end and the one who likes Yellow sits on the immediate right of Lavanya in Row-1.

Case:1-A						
Colour [Row-2]			Vacant			Green
Person [South]		Sairam		Tahir		Qasim
Person [North]	Manoj	Lavanya		Pravin	Vacant	
Colour[Row-1]	Blue	Red	Yellow			Indigo

Note: Only case1-A is left to continue.

References:

Oviya sits third to the left of the person who likes Indigo colour.

Uday likes Purple colour and sits at one of the extreme ends.

Inferences:

From above statements,

Oviya sits third to the left of the person who likes Indigo color.

Here, Oviya likes Yellow colour and Nitin (only person left in Row-1) likes Indigo color.

Uday likes Purple colour and sit at extreme right end in Row-2

By using all other information we get the following case,

Case:1-A						
Colour [Row-2]	Purple		Vacant			Green
Person [South]	Uday	Sairam		Tahir		Qasim
Person [North]	Manoj	Lavanya	Oviya	Pravin	Vacant	Nitin
Colour[Row-1]	Blue	Red	Yellow			Indigo

References:

The person who likes Violet color sits second to the right of Lavanya.

The person who likes Violet colour and the person who likes White colour are facing each other.

Rahul likes Orange colour and sits third to the left of the person who likes Black colour.

Inferences:

From above statements,

Pravin likes Violet colour and Tahir likes White colour.

Rahul likes Orange colour and Sairam likes Black colour.

Thus we get the completed case as follows,

Case:1-A						
Colour [Row-2]	Purple	Black	Vacant	White	Orange	Green
Person [South]	Uday	Sairam		Tahir	Rahul	Qasim
Person [North]	Manoj	Lavanya	Oviya	Pravin	Vacant	Nitin
Colour[Row-1]	Blue	Red	Yellow	Violet		Indigo

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Answers :

1. The following common explanation , we get "Rahul-Orange",
Hence, option C is correct.
2. The following common explanation , we get "**Pravin, the person who likes Violet doesn't sit at any corner**",
Remaining 4 options (colours) are placed at extreme ends
Hence, option E is correct.
3. The following common explanation, we get "**Second from the left end in Row-2**",
Hence, option C is correct.
4. The following common explanation , we get "**The person who likes Yellow and the person who likes Red**",
Manoj likes Blue & Pravin like Violet.
Oviya (Yellow) and Lavanya (Red) sit between Manoj and Pravin.
Hence, option D is correct.
5. The following common explanation, we get "**None of these**",
Tahir likes White and his immediate right is vacant seat.
Hence, option E is correct.

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