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

### Set No 92

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

Ten People- A, B, C, D, E, P, Q, R, S and T are sitting in two parallel rows but not necessarily in same order. Four of them like white colour, four of them like black colour and two like red colour. No two people like same colour sit opposite or next to each other. Row 1 consist of- A, B, C, D, E but not necessarily in same order and Row 2 consist of- P, Q, R, S and T but not necessarily in same order. People sitting in both rows face each other.

T is an immediate neighbour of R. People who like Red colour do not sit in the same row. Two people sit between Q and T. E sits third to the right of B. A does not like black colour. Person who likes red colour is not an immediate neighbour of D. Person facing B and sitting next to him, Both like Black colour. D does not face P. People liking Red colour sit at extreme ends of the rows. R sits at one of the extreme ends. People who like Red colour do not face each other. Q does not like red colour. S and A like same colour. B likes red colour.

#### 1. Find the Odd one out?

- A. B      B. Q      C. D      D. C      E. R

#### 2. Which of the following pair face the one who likes red?

- A. C, S      B. A, P      C. E, T      D. D, R      E. Q, D

#### 3. A is related to C and E in some way, in the same way S is related to P and Q then E is related to whom following the same pattern?

- A. C, B      B. A, D      C. E, R      D. D, C      E. Q, D

#### 4. Which of the following is not false?

- A. S-Black      B. D-Red      C. Q-White      D. All are false      E. All are not false

#### 5. Find the wrong pair?

- A. C, S      B. E, T      C. A, R      D. B, Q      E. None of these

**Correct Answers:**

1	2	3	4	5
D	E	B	D	C

## Common Explanations:

### Reference:

- People who like Red do not face each other.
- People liking Red sit at extreme ends of the rows.
- B likes red.
- People who like Red do not sit in the same row.
- E sits third to the right of B.

### Inference:

#### Case(I): When B faces North

Color					Red
Persons Row 2 facing South					
Persons Row 1 facing North	B			E	
Color	Red				

#### Case(II): When B faces South

Color					Red
Persons Row 1 facing South		E			B
Persons Row 2 facing North					
Color	Red				

### Reference:

- People facing B and sitting next to him both like Black.
- No two people liking same color sit opposite or next to each other.

### Inference:

With the help of second hint, position of colors can be determined in both the cases.

#### Case(I): When B faces North

Color	Black	White	Black	White	Red
Persons Row 2 facing South					
Persons Row 1 facing North	B			E	
Color	Red	Black	White	Black	White

**Case(II): When B faces South**

Color	White	Black	White	Black	Red
<b>Persons Row 1 facing South</b>		E			B
<b>Persons Row 2 facing North</b>					
<b>Color</b>	Red	White	Black	White	Black

**Reference:**

- R sits at one of the extreme ends.
- T is an immediate neighbour of R.
- Two people sit between Q and T.
- Q does not like red.

**Inference:**

Here, R cannot sit opposite to B, because this will violate the last hint in both the cases.

**Case(I): When B faces North**

Color	Black	White	Black	White	Red
<b>Persons Row 2 facing South</b>	Q			T	R
<b>Persons Row 1 facing North</b>	B			E	
<b>Color</b>	Red	Black	White	Black	White

**Case(II): When B faces South**

Color	White	Black	White	Black	Red
<b>Persons Row 1 facing South</b>		E			B
<b>Persons Row 2 facing North</b>	R	T			Q
<b>Color</b>	Red	White	Black	White	Black

**Reference:**

- A does not like black.
- S and A like same color.
- Person who likes red is not an immediate neighbour of D.
- D does not faces P.

**Inference:**

As A does not like black and, S and A like same color, thus A and S both like White.

In this way both the cases satisfy the given hints and the final arrangement looks like following.

**Case(I): When B faces North**

Color	Black	White	Black	White	Red
Persons Row 2 facing South	Q	S	P	T	R
Persons Row 1 facing North	B	C	A	E	D
Color	Red	Black	White	Black	White

**Case(II): When B faces South**

Color	White	Black	White	Black	Red
Persons Row 1 facing South	D	E	A	C	B
Persons Row 2 facing North	R	T	P	S	Q
Color	Red	White	Black	White	Black

**Answers :**

- As Derived in the Common Explanation we can see that B, D, Q and R all of them sit at an extreme ends but C does not.  
Hence Option D is correct.
- As Derived in the Common Explanation we clearly see that Q and D face the people who like red.  
Hence Option E is correct.
- As Derived in the Common Explanation we clearly see that A sits exactly in between C and E , S sits exactly in between P and Q Therefore, E sits exactly in between A and D.  
Hence Option B is correct.
- As Derived in the Common Explanation we clearly see that all the given options are false.  
Hence Option D is correct.
- As derived in the common explanation we can see that all the pairs face opposite to each other except A and R.  
Hence option C is correct.



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