

## Seating Arrangement for SBI Clerk Pre, IBPS Clerk Pre, LIC Assistant and IBPS RRB Exams.

SA Set No 157
Directions: Study the following information carefully and answer the questions given beside.
Eight persons viz. A, B, C, E, F, G, I and J sit around a rectangular table such that three persons sit on each longer side and one person sits on each shorter side. Nobody sits at the corners. The persons whose name starts with vowel do not sit on the shorter side of the table. Three of them face away from centre while the rest five face towards the centre.
$B$, who faces centre sits second to the left of $E$. $J$ is on the immediate right of $F$, who is at a gap of two persons from $E$. Neither $C$ nor $A$ face away from centre. The immediate neighbours of $F$ face away from centre. $G$ is second to the right of $A$. $I$ is on the immediate left of $F$. I is neither adjacent to A nor to C . E is adjacent to G .

## Questions :

1. Who sits second to the left of G?
A. A
B. F
C. 1
D. J
E. None of these
2. Who among the following faces away from centre?
I. J
II. F
III. I
A. Only II
B. Only I and II
C. Only II and III
D. Only I and III
E. All I, II and III
3. Four of the following five are alike in a certain way and thus form a group. Which of the following does not belong to the group?
A. B
B. $A$
C. E
D. F
E. C
4. Which of the following statements is true?
A. B and $J$ are immediate neighbors.
B. G faces towards the centre.
C. F and A face each other.
D. All are true.
E. None is true.
5. Who is third to the right of I?
A. A
B. $B$
C. C
D. J
E. None of these

## Correct Answers:

| $\mathbf{1}$ | $\mathbf{2}$ | $\mathbf{3}$ | $\mathbf{4}$ | $\mathbf{5}$ |
| :--- | :--- | :--- | :--- | :--- |
| B | D | E | C | A |



## Common explanation :

## Reference:

$G$ is second to the right of $A$.
Neither C nor A faces away from centre.
The persons whose name starts with vowel do not sit on the shorter side of the table.

## Inference:

With respect to second hint, we can say that A faces centre.
As per third hint it is clear that A does not sit at the shorter side. Thus following three arrangements are possible.

$B$, who faces centre sits second to the left of $E$.
$J$ is on the immediate right of $F$, who is at a gap of two persons from $E$.
E is adjacent to G .
I is on the immediate left of $F$.
I is neither adjacent to $A$ nor to $C$.
The persons whose name starts with vowel do not sit on the shorter side of the table.

## Inference:

As per the hints, one more case arises from each of the three cases.


Both the cases get eliminated as I is adjacent to C in both the cases which violates the fifth hint.

Case-2A


Case-2A eliminates as I is adjacent to $C$, which violates the fifth hint.

> Case-3
[Eliminated]


Case-3 gets eliminated as I is adjacent to $A$, which violates the fifth hint.
Thus we are left with case-2 only.
Reference:
The immediate neighbours of $F$ face away from centre.
Neither C nor A face away from centre.
Three of them face away from centre while the rest five face towards the centre.
Inference:
Thus as per both the hints we can say that C faces centre and J and I face away from centre.
As per third hint, we can determine that the only left person i.e. G also faces away from centre.

## Case-2



## Answers:

1. $F$ sits second to the left of $G$.

Hence option $B$ is correct.
2. Only I and III i.e. J and I face away from centre.

Hence option D is correct.
3. $\quad$ is the odd one out as rest sit on the longer sides.

Hence option E is correct.
4. $F$ and $A$ face each other is the true statement.

Hence option C is correct.
5. $A$ is third to the right of $I$.

Hence option A is correct.


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