

# Seating Arrangement for IBPS PO Pre, SBI PO Pre, SBI Clerk Mains, IBPS Clerk Mains, LIC AAO and RRB Scale I Pre Exams. 

SA Set No 141
Directions: Study the following information carefully and answer the questions given beside.
Eight persons are sitting around a circular table such that some of them are facing towards the centre while some are facing away from centre. $M$ is third to the right of $S$, who sits second to the left of $Y$. $P$ sits on the immediate right of $X$, who faces the same direction as faced by $M$. Neither $X$ nor $P$ is adjacent to M. C is third to the left of Y. Not more than 4 persons face outside. B and $S$ face same direction. $C$ is third to the right of $B$. J is second to the left of $M$. $C$ and $J$ face opposite direction to that of $B$. Immediate neighbors of $C$ face opposite directions.

1. How many persons face towards the centre?
A. 2
B. 3
C. 4
D. 5
E. Can't be determined
2. What is the position of J with respect to P ?
A. Sixth to the right
B. Third to the left
C. Third to the right
D. Second to the right
E. None of these
3. Find the odd one out?
A. X
B. S
C. M
D. $Y$
E. P
4. Who is second to the right of C?
A. $X$
B. P
C. J
D. S
E. Can't be determined
5. How many persons sit between J and B when counted from the right of former?
A. 2
B. 3
C. 5
D. 4
E. None of these

Correct Answers:

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

## Common explanation :

## Reference:

$M$ is third to the right of $S$, who sits second to the left of $Y$.
C is third to the left of Y .

## Inference:

Following cases can be prepared with the given hints.


S


S


Reference:
$P$ sits on the immediate right of $X$, who faces the same direction as faced by $M$.
Neither X nor P is adjacent to M .

Inference:

Case2 and 3 fail to satisfy the given hints. Further two cases arise from Case-1 and Case-4 which are named as Case-1A and Case-4A.



## Reference:

$C$ is third to the right of $B$.
$J$ is second to the left of $M$.
$B$ and $S$ face same direction.
Immediate neighbors of C face opposite directions.
Not more than 4 persons face outside.

## Inference:

Case-4A eliminated as it violates the last hint.
Case-1A and 4 eliminated as they violate the second hint where $J$ is to be placed second to the left of $M$. Thus only Case-1 fulfills all the given hints.


## Reference:

C and J face opposite direction to that of B .

## Inference:

The final arrangement can be obtained as follows.


## Answers:

1. Following the common explanation, we have

5 persons face towards centre.
Hence option D is correct.
2. Following the common explanation, we have
$J$ is third to the left of $P$.

Hence option B is correct.
3. Following the common explanation, we have
$P$ is the odd one out as all others except $P$ face towards centre.
Hence option E is correct.
4. Following the common explanation, we have
$X$ is second to the right of $C$.
Hence option A is correct.
5. Following the common explanation, we have

4 persons sit between J and B when counted from the right of former.

Hence option D is correct.

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