

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

## SA Set No 160

Directions: Study the following information carefully and answer the questions given beside.
Ten guards from A to J are standing on ten gates of a pentagon shaped park. The gates are built such that the gates at the corners of the park are large and the gates at the edges of the park are small. The guards at the large gate are facing towards the center while the guards at the small gate are facing outside the center.
$B$ is standing third to the right of $E$, who is standing at one of the large gates. $C$ is on the immediate left of $D$. I is an immediate neighbor of $B$ and stands third to the right of $F$. $C$ is not adjacent to both $F$ and $B$. A is facing towards the center. $G$ faces outside and is not an immediate neighbor of I and C. Only 4 guards stand between $A$ and $H$.

## Questions :

1. Who stands third to the right of H?
A. D
B. $A$
C. J
D. 1
E. None of these
2. What is the position of $J$ with respect to $A$ ?
A. Fifth to the right
B. Third to the left
C. Second to the right
D. Second to the left
E. Can't be determined
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 same group?
A. D
B. I
C. E
D. J
E. B
4. How many guards stand between $G$ and $I$, when counted from the left of former?
A. None
B. 2
C. 1
D. 3
E. 4
5. If $C$ is related to $G$ in a way, $H$ is related to $B$ in the same way then $A$ is related to whom in the same way?
A. D
B. C
C. J
D. H
E. None of these

## Correct Answers:

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



## Common explanation :

## Reference:

The guards at the large gate are facing towards the center while the guards at the small gate are facing outside the center.

## Inference:

We will always keep this hint in mind while solving the puzzle. The park will look like as per the following image.


## Reference:

$B$ is standing third to the right of $E$, who is standing at one of the large gates.
$I$ is an immediate neighbor of $B$ and stands third to the right of $F$.
G faces outside and is not an immediate neighbor of $I$ and $C$.

## Inference:

Following two cases are possible with the given hints.

## Case-1



## Reference:

C is not adjacent to both F and B .
$C$ is on the immediate left of $D$.

## Inference:

Case-2 fails, as there is no place for $C$ to sit on the immediate left of $D$ in accordance with the first hint. One more case arises from Case-1, namely Case-1A.

> Case-1


Case-1A


## Reference:

G faces outside and is not an immediate neighbor of I and C.

## Inference:

Case-1A fails, as there is no place for $G$, where $G$ can stand facing outside.


Reference:
Only 4 guards stand between A and H .
$A$ is facing towards the center.

## Inference:

Thus, A stands immediate right of C and H stands opposite to C .
Now, the only left place is where J stands.


## Answers:

1. From common explanation, we have

D stands third to the right of H .

Hence option A is correct.
2. From common explanation, we have
$J$ is second to the left of $A$.

Hence option D is correct.
3. From common explanation, we have
$B$ is the odd one out as all other guards among the given options are facing inside.

Hence option E is correct.
4. From common explanation, we have

Only 2 guards stand between $G$ and I when counted from the left of former.
Hence option B is correct.
5. From common explanation, we have

If $C$ is related to $G$ in a way, $H$ is related to $B$ in the same way then $A$ is related to $J$ in the same way.

Logic: $C$ is second to the right of $G, H$ is second to the right of $B$, similarly $A$ is second to the right of $J$.

Hence, Option C is correct.

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