

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

SA Set No 148
Directions: Study the following information carefully and answer the questions given beside.
Eight persons from A to H are sitting around a rectangular table such that only 1 person sits at each corner and 2 persons sit at each longer side. The persons sitting at the longer side face towards centre while those sitting at the corners face away from the centre. These persons belong to one family and like different celebrities among Virat Kohli, Salman Khan, Shahid Kapoor, Saina Nehwal, Sania Mirza, Mithali Raj, Vijay Deverakonda and Shalini Pandey. One celebrity is liked by only one person.

H's sister likes Shahid Kapoor and sits second to the left of the one who likes Saina Nehwal. F neither sits adjacent to her sister-in-law nor likes Salman Khan. $D$ is the mother of $H$ and is married to $B$, who likes Shalini Pandey. B is not surrounded by any female member of the family. H faces outside and is on the immediate left of $A$, who likes Sania Mirza. $D$ is on the immediate left of $E$, who is the only daughter of B. G, who sits at one of the corners likes Saina Nehwal. G is the father of F, who is married to H, who likes Vijay Deverakonda. C is the sister of D, who likes Mithali Raj. $A$ is the nephew of E .

## Questions:

1. Who among the following is second to the left of the one who likes Salman Khan?
A. G's daughter
B. B's son
C. The one who likes Sania Mirza
D. The one who likes Mithali Raj
E. None of these
2. 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. Vijay Deverakonda
B. Shalini Pandey
C. Sania Mirza
D. Saina Nehwal
E. Virat Kohli
3. Which celebrity is liked by A's mother?
A. Salman Khan
B. Virat Kohli
C. Shahid Kapoor
D. Mithali Raj
E. Can't be determined

## 4. What is the position of A's aunt with respect to A's maternal grandfather?

A. Immediate right
B. Second to the right
C. Second to the left
D. Immediate left
$E$. None of these

## 5. Which of the following combinations is wrongly matched?

A. H - E's brother - Vijay Deverakonda
B. C - B's sister-in-law - Virat Kohli
C. G - H's father-in-law - Saina Nehwal
D. E - A's aunt - Shahid Kapoor
E. All are correctly matched
Correct Answers:

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


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## Common explanation :

## Reference:

D is the mother of H and is married to B , who likes Shalini Pandey.
$B$ is not surrounded by any female member of the family.
H faces outside and is on the immediate left of A , who likes Sania Mirza.

## Inference:

With the given hints we can say that $D$ and $B$ are married couple ( $D$ - Wife and $B$ - Husband) and $H$ is their offspring, whose gender is unknown yet

We must make a mental note of the following hints:
I. B is not surrounded by women.
II. B likes Shalini Pandey.
III. A likes Sania Mirza.


## Reference:

$D$ is on the immediate left of $E$, who is the only daughter of $B$.
H's sister likes Shahid Kapoor and sits second to the left of the one who likes Saina Nehwal.
G, who sits at one of the corners likes Saina Nehwal.

## Inference:

With the first hint it is clear that $E$ is the only daughter of $B$, who is the husband of $D$. Thus $E$ is the only daughter of $D$ and $B$, thus $H$ will be male and the son of $D$ and $B$.
With the second, third hints and above inference it is clear that E likes Shahid Kapoor and sits second to the left of G .
We will make a mental note of the hint that G likes Saina Nehwal.
With respect to seating arrangement, one more case arises.

| $\left[\begin{array}{ccc}] & \leftarrow & \text { Couple } \\ \{ & \} & \text { Siblings } \\ + & \leftarrow & \text { Male } \\ & \leftarrow & \text { Female } \\ \hline\end{array}\right.$ |  |
| :---: | :---: | :---: | :---: |



## Reference:

G is the father of F , who is married to H , who likes Vijay Deverakonda.
F neither sits adjacent to her sister-in-law nor likes Salman Khan.
$A$ is the nephew of $E$.
$C$ is the sister of $D$, who likes Mithali Raj.

## Inference:

As per second hint F does not sit adjacent to E .
Case- $\mathbf{2}$ gets eliminated as there is no place for $B$ to sit.
We are left with Case-1.
We have positions for only 3 members which are $\mathrm{C}, \mathrm{F}$ and B . Out of which C and F are females, thus the only position for $B$ is between $G$ and $A$.
$F$ is not adjacent to $E$, thus $C$ must be adjacent to $E$.
Thus the family tree and final arrangement will look like as follows.

| $\left[\begin{array}{ccc}] & \leftarrow & \text { Couple } \\ \{ & \leftarrow & \text { Siblings } \\ + & \leftarrow & \text { Male } \\ - & \leftarrow & \text { Female }\end{array}\right.$ |  |
| :---: | :---: | :---: | :---: |
|  |  |




## Answers:

1. Following the common explanation, we have

C likes Salman Khan and the person second to her left is C's sister i.e D.

Hence option D is correct.
2. Following the common explanation, we have

Virat Kohli is the odd one out as rest celebrities are liked by male members.
Hence option E is correct.
3. Following the common explanation, we have

Virat Kohli is liked by A's mother.

Hence option B is correct.
4. Following the common explanation, we have

A's aunt is is second to the left of A's maternal grandfather.

Hence option C is correct.
5. Following the common explanation, we have

C-B's sister-in-law - Virat Kholi is the wrongly matched combination.
Hence option B is correct.

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