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

### Set No 63

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

8 friends A, B, C, D, E, F, G and H sit around a circular table facing inside and like basketball, football, cricket, badminton, kho kho, table tennis, hockey, and volleyball.

The one who likes football sit between C and E. H sits 2nd to the right of the friend who likes basketball. B is the neighbour of the one who likes basketball. The friend who likes table tennis sits opposite to G. E likes cricket and sits immediate right of F. A and D both don't like either badminton or table tennis. G likes kho kho and sits 2nd to the right of the one who likes volleyball. F doesn't like football. B likes hockey.

**1. H likes which game?**

- A. Basketball      B. Football      C. Badminton      D. Table Tennis      E. Volleyball

**2. Who sits between the one who likes Basketball and the one who likes Football?**

- A. G      B. H      C. F      D. E      E. D

**3. A likes which game?**

- A. Volleyball      B. Basketball      C. Football      D. Table Tennis      E. Either option A or C

**4. Who sits 2nd to the right of F?**

- A. A      B. D      C. F      D. C      E. Can't be determined

**5. How many friend(s) sit between F and the one who likes Football when counted in anticlockwise direction from F ?**

- A. 1      B. 2      C. 3      D. 4      E. 5

**Correct Answers:**

1	2	3	4	5
C	A	E	E	B

## Common Explanations:

### Reference:

H sits 2<sup>nd</sup> to the right of the friend who likes basketball.

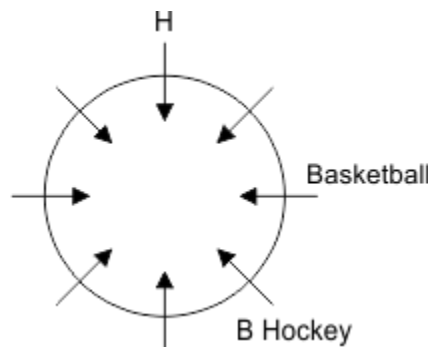
B is the neighbour of the one who likes basketball.

B likes hockey.

### Inference:

For the position of B there could be 2 possible cases-

#### Case 1:



### Reference:

The one who likes football sit between C and E.

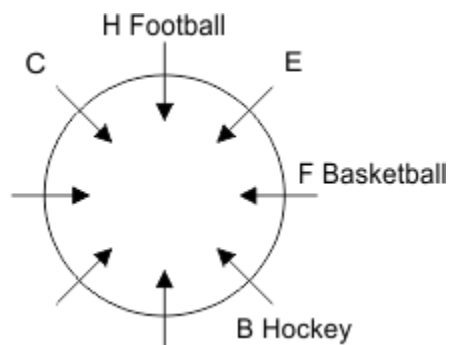
E likes cricket and sits immediate right of F.

F don't like football.

### Inference:

For the position of E and C there are 3 possible sub cases:

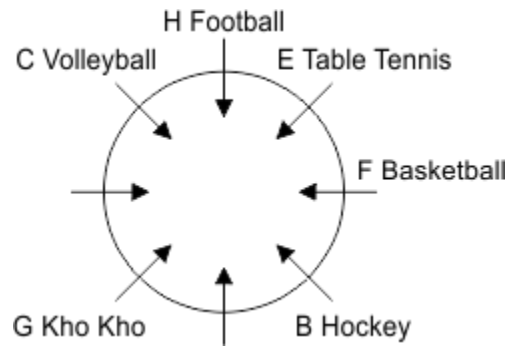
#### Case 1.a:



### Reference:

G likes kho kho and sits 2<sup>nd</sup> to the right of the one who likes volleyball.

The friend who likes table tennis sits opposite to G.



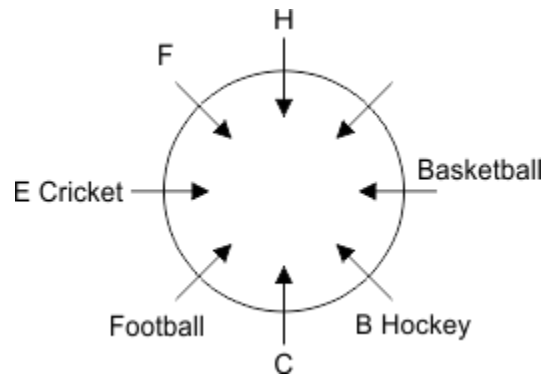
**Reference:**

A and D both don't like neither badminton nor table tennis.

**Inference:**

Since A and D both don't like badminton this case is invalid.

**Case 1.b:**



**Reference:**

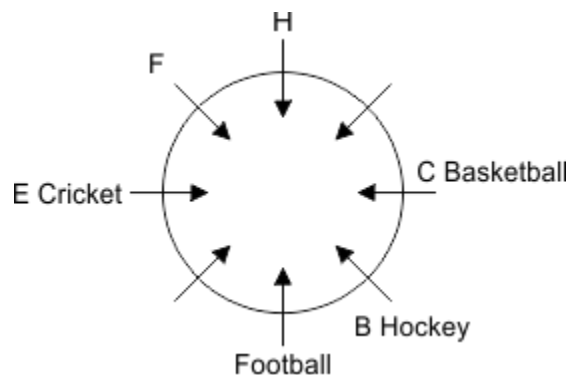
G likes kho kho and sits 2<sup>nd</sup> to the right of the one who likes volleyball.

The friend who likes table tennis sits opposite to G.

**Inference:**

This case is invalid as position of G and the one who likes table tennis cannot be fixed.

**Case 1.c:**





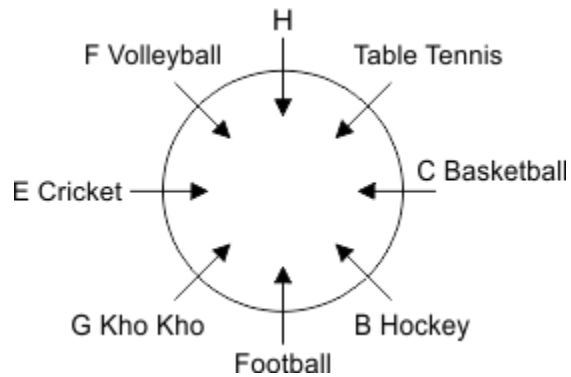
**Reference:**

G likes kho kho and sits 2<sup>nd</sup> to the right of the one who likes volleyball.

The friend who likes table tennis sits opposite to G.

**Inference:**

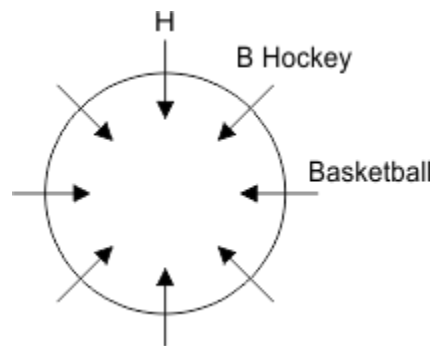
Position of G and the one who likes Football can be fixed.

**Reference:**

A and D both don't like neither badminton nor table tennis.

**Inference:**

Since A and D both don't like Table tennis this case is invalid.

**Case 2:****Reference:**

The one who likes football sits between C and E.

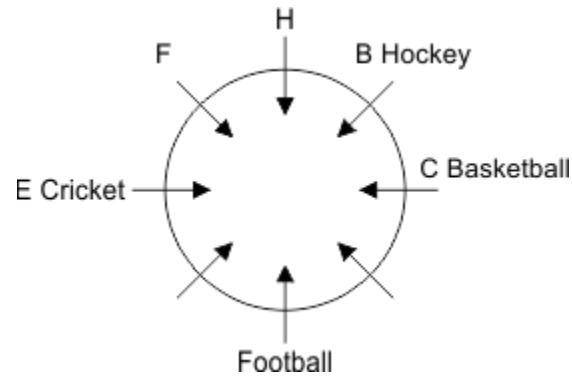
E likes cricket and sits immediate right of F.

F doesn't like football.

**Inference:**

For the position of C and E there are 2 sub cases:

**Case 2.a:**



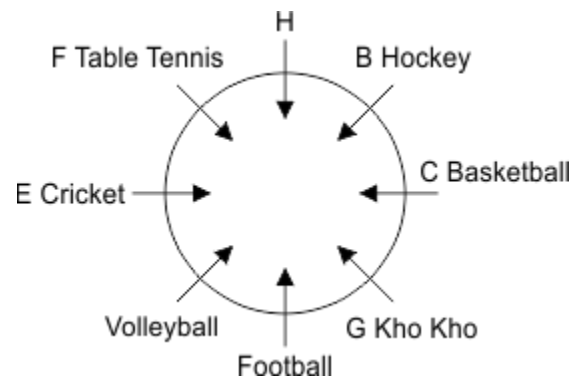
**Reference:**

G likes kho kho and sits 2<sup>nd</sup> to the right of the one who likes volleyball.

The friend who likes table tennis sits opposite to G.

**Inference:**

Position of G and the one who likes Football can be fixed.

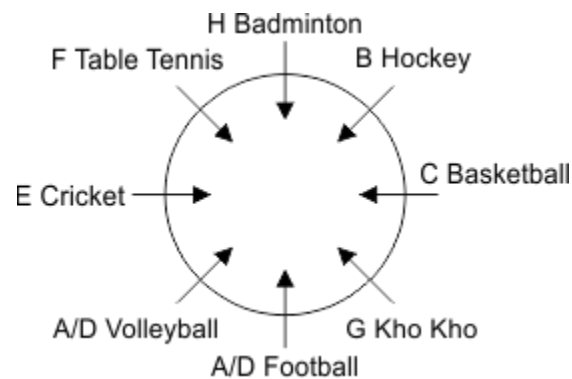


**Reference:**

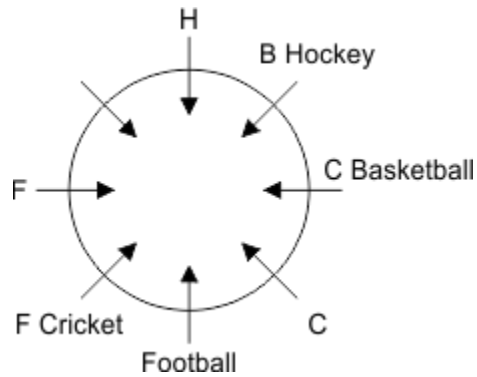
A and D both don't like neither badminton nor table tennis.

**Inference:**

From the above condition A and D either likes volleyball or football and H likes badminton.



**Case 2.b:**



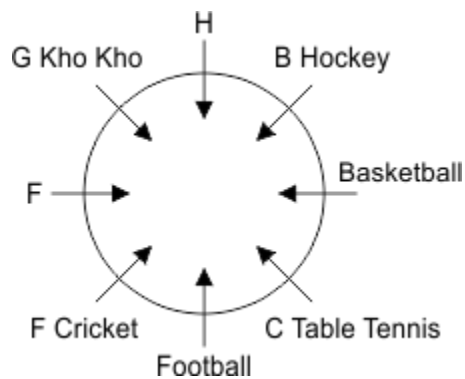
**Reference:**

G likes kho kho and sits 2<sup>nd</sup> to the right of the one who likes volleyball.

The friend who likes table tennis sits opposite to G.

**Inference:**

From the above condition position of G and the one who likes volleyball cannot be fixed. Hence this case is invalid.



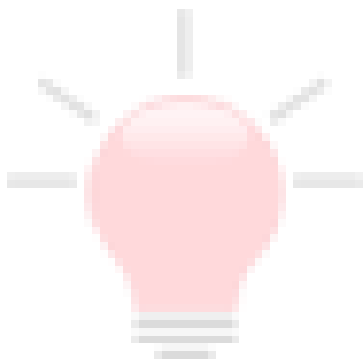
**Case 2.a is the final arrangement.**

**Answers :**

**1.** From the given solution H likes Badminton.

Hence the correct answer is option C.

2. G sits between the one who likes Basketball and the one who likes Football.  
Hence the correct answer is option A.
3. From the given solution A likes either Volleyball or Football.  
Hence the correct answer is option E.
4. The following common explanation, we get  
Either A or D sits 2<sup>nd</sup> to the right of F.  
Hence the correct answer is option E.
5. The following common explanation, we get  
From the given solution 2 people sit between F and the one who likes Football.  
Hence the correct answer is option B.



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