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# Seating Arrangement for RBI Grade B, SBI Clerk Mains, IBPS Clerk Mains and RBI Assistant Mains Exams.

SA Set No 173

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

Certain number of persons are sitting around a circular table and facing towards the center of the table. Some of them own different cars. No two persons have same car.

Three persons are sitting between Thakur and the one, who owns Renault. Two persons are sitting between Thakur and Prince. Robert is sitting second to the left of Prince. Samuel is sitting second to the left of Robert. Samuel and Thakur are not the immediate neighbors. Qasim is sitting second to the right of Thakur. The one, who owns Ford, is sitting third to the left of Qasim. The one, who owns Hyundai, is sitting second to the left of the one, who owns Ford. Three persons are not sitting between the one, who owns Renault and the one, who owns Honda, when counted from the right of the one, who owns Honda. The one, who sits immediate left of Samuel, owns Honda. Number of persons sitting between Qasim and Prince, when counted from right of Prince is four times as the number of persons sitting between Samuel and Qasim, when counted from left of Samuel.

**Questions :**

**1. Who owns Ford car?**

- A. The one who sits third to the right of Robert.
- B. The one, who sits sixth to the right of the one, who owns Honda.
- C. The one who sits fifth to the left of Samuel.
- D. The one who sits immediate right of the one, who owns Hyundai.
- E. None of these

**2. Who sits third to the right of the one, who owns Honda car?**

- A. Samuel
- B. Qasim
- C. Robert
- D. Prince
- E. None of these

**3. How many persons are sitting in the circle?**

- A. 9
- B. 13
- C. 12
- D. 11
- E. None of these

**4. If Gerard sits third to the left of Patel, who owns Audi car and then which among the following statement is True?**

- A. Gerard sits immediate right of the one, who owns Hyundai.
- B. Qasim and Patel are immediate neighbors.
- C. Patel sits third to the left of Samuel.
- D. Two persons sit between Robert and Gerard, counted from right of Robert.
- E. All the above

5. If Raina sits to the immediate right of Mohan, then Raina owns \_\_\_\_\_ car?

A. Honda

B. Renault

C. Ford

D. Hyundai

E. None

Correct Answers:

1	2	3	4	5
C	C	D	E	C



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## Common explanation :

### References:

Certain number of persons is sitting in a circular table and is facing towards the center of the table.

Some of them own different cars.

No two persons have same car.

### Inferences:

From above statements,

Keep above information in mind while solving this seating.

### References:

Robert is sitting second to the left of Prince.

Samuel is sitting second to the left of Robert.

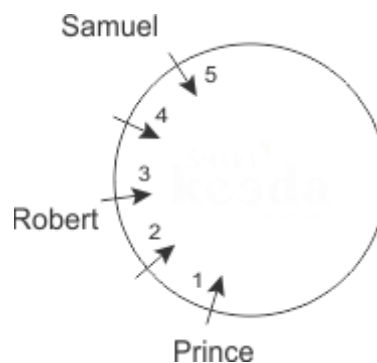
### Inferences:

From above statements,

Let the position of the person be numbered as 1 to till last in clockwise direction.

Let the Prince sits at 1 and then Robert and Samuel will sit at 3 and 5 respectively.

By using above information we get the following seating,



### References:

Two persons are sitting between Thakur and Prince.

Samuel and Thakur are not the immediate neighbors.

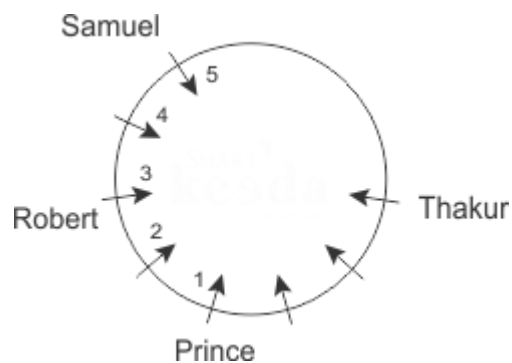
### Inferences:

From above statements,

Thakur can't sit at 4 (adjacent to Samuel)

Therefore, Thakur sits third to the right of Prince as shown,

Note: Thakur position is known only based on other statements.



#### References:

Qasim is sitting second to the right of Thakur.

Number of persons sitting between Qasim and Prince, when counted from right of Prince is four times as the number of persons sitting between Samuel and Qasim, when counted from left of Samuel.

#### Inferences:

From above statements,

Qasim is sitting second to the right of Thakur.

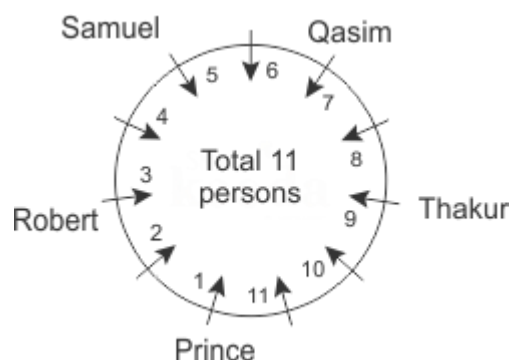
Given, Number of persons sitting between Qasim and Prince, when counted from right of Prince =  $4 \times$  number of persons sitting between Samuel and Qasim, when counted from left of Samuel

As per above seating, number of persons sitting between Qasim and Prince, when counted from right of Prince is 4

$4 = 4 \times$  number of persons sitting between Samuel and Qasim, when counted from left of Samuel

Therefore number of person sitting between Samuel and Qasim, when counted from left of Samuel, is 1.

Thus we can conclude that there are 11 persons sitting in the circle and Qasim and Thakur sit at 7 and 9 respectively as shown,





**References:**

The one, who sits immediate left of Samuel, owns Honda.

The one, who owns Ford, is sitting third to the left of Qasim.

The one, who owns Hyundai, is sitting second to the left of the one, who owns Ford.

Three persons are sitting between Thakur and the one, who owns Renault.

**Inferences:**

From above statements,

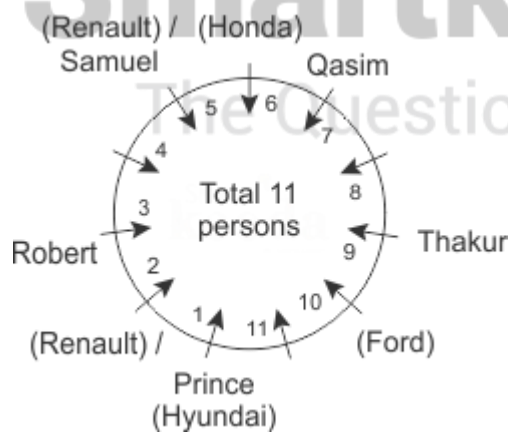
The one, who sits at 6, owns Honda (immediate left of Samuel)

The one, who sits at 10, owns Ford (third to the left of Qasim)

Prince owns Hyundai (second to the left of the one, who owns Ford)

Three persons are sitting between Thakur and the one, who owns Renault i.e. either Samuel or the one who sits at 2, owns Renault.

By using above information we get the following seating,

**References:**

Three persons are not sitting between the one, who owns Renault and the one, who owns Honda, when counted from the right of the one, who owns Honda.

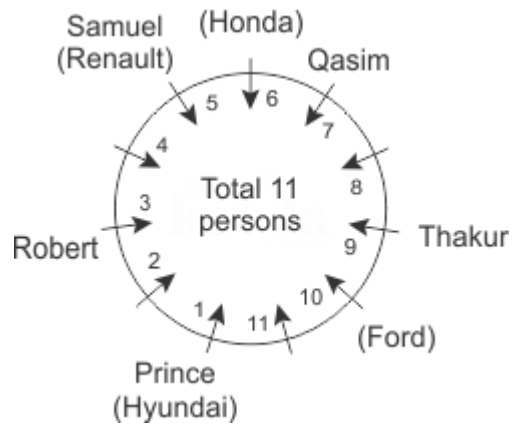
**Inferences:**

From above statements,

If the one, who owns Renault, sits at 2, then there are 3 persons sitting between the one, who owns Renault and the one, who owns Honda, when counted from the right of the one, who owns Honda, which is not possible.

Therefore Samuel owns Renault.

All the given conditions get satisfied and we get the completed seating,



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## Answers:

1. Following the common explanation, we get "The one who sits fifth to the left of Samuel, owns Ford car".

Hence, option C is correct.

2. Following the common explanation, we get "Robert".

Robert sits third to the right of the one, who owns Honda car

Hence, option C is correct.

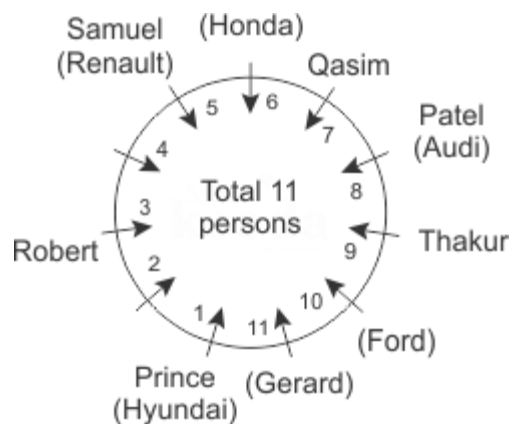
3. Following the common explanation, we get "11 persons".

Hence, option D is correct.

4. Following the common explanation, we get "All the above".

All statements are True (refer below seating)

As per question, Gerard and Patel (Audi) sit at 11 and 8 respectively, only possibility.



Hence, option E is correct.



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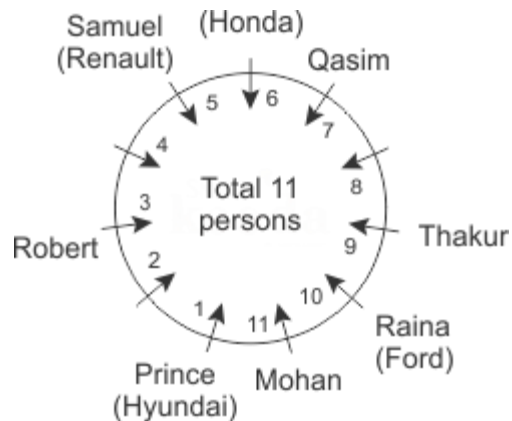


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5. Following the common explanation, we get "Ford".

As per question, Raina and Mohan sit at 10, 11 respectively, only possibility. Raina owns Ford car.



Hence, option C is correct.



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