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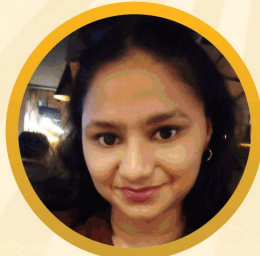
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Puzzle test for SBI Clerk Mains, IBPS Clerk Mains, RRB Scale I Pre, SBI PO Pre, IBPS PO Pre, IBPS SO Pre and RRB Scale I Pre Exams.

PT Set No 54

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

Seven people A, B, C, D, E, F and G are living in an apartment. Four of them are women. All seven like different cars viz. Mercedes, Audi, Ferrari, Porsche, Rolls Royce, Maserati and Lamborghini. The Apartment consists of seven floors viz. Orange, Pink, Green, Yellow, Blue, Red and Brown. Each floor belongs to a single person.

The persons who like Porsche and Mercedes have the same gender. They don't live on floors - Blue or Orange.

The one who lives on Yellow floor and B who lives on the Brown floor are male.

F likes Maserati and he doesn't live on Green floor. The person who likes Lamborghini doesn't live on the Orange floor. The person who likes Ferrari doesn't live on the Red floor.

The person who likes Audi lives on the Brown floor. G neither likes Porsche nor lives on Pink floor. F lives on the Yellow floor.

Residents of Pink and Green floors are women. A and B don't live on these floors.

G neither likes Ferrari nor lives on Green or Blue floor. The person who likes Mercedes is neither D nor E and, she doesn't live on Red or Green floors.

The one who likes Ferrari is A and she does not live on Blue or Green floors. E is a Male. The person who likes Lamborghini is not a male but lives on the Red floor.

1. Who lives on the Blue floor?

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

2. What car does G like?

- A. Mercedes B. Lamborghini C. Audi D. Rolls Royce E. Ferrari

3. Who of the following is not female?

- A. C B. A C. D D. B E. All are female

4. Who likes Maserati?

- A. A B. C C. F D. D E. Data inadequate

5. Which of the following combination of person – car – floor - gender is correct?

- A. A – Lamborghini – Green - Female B. C – Ferrari – Blue – Female C. F – Maserati – Yellow- Male
D. G – Lamborghini – Red – Male E. All are incorrect

Correct Answers:

1	2	3	4	5
E	B	D	C	C



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The Question Bank

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Common explanation :

Let's construct two tables. In first one, the parameters are adjusted according to floors. In second table, the parameters are adjusted according to cars.

Step 1

Reference:

The one who lives on Yellow floor and B who lives on the Brown floor are male.

The person who likes Audi lives on the Brown floor.

Residents of Pink and Green floors are women.

The person who likes Lamborghini is not a male but lives on Red floor.

Table 1

Floor	Person	Car	Gender
Orange			
Pink			F
Green			F
Yellow			M
Blue			
Red		Lamborghini	F
Brown	B	Audi	M

Reference:

The persons who like Porsche and Mercedes have the same gender.

F likes Maserati.

The one who likes Ferrari is A and a woman.

Table 2

Car	Person	Floor	Gender
Mercedes			F
Audi			
Ferrari	A		F
Porsche			F
Rolls Royce			
Maserati	F		
Lamborghini			

Step 2

Note: The "or" part of a clue is arranged in brackets "[]"; for e.g. the one who likes pink doesn't live on Blue floor so Blue floor must be occupied by one of the persons other than G and B, who already lives on Brown floor. The resident occupying Blue floor may be either A or C or D or E or F; and this condition is represented as [A, C, D, E, F].

Reference:

G doesn't live on Pink, Green or Blue floor.
 A and B don't live on Pink and Green floors.
 The one living on Yellow is a male.

Table 1

Floor	Person	Car	Gender
Orange			
Pink	[C, D, E, F]		F
Green	[C, D, E, F]		F
Yellow			M
Blue	[A, C, D, E, F]		
Red		Lamborghini	F
Brown	B	Audi	M

Reference:

Persons who like Porsche and Mercedes don't live on floors Blue or Orange.
 The person who likes Lamborghini doesn't live on the Orange floor.
 The person who likes Ferrari doesn't live on the Red floor.
 The person who likes Maserati and he doesn't live on Green floor.
 G doesn't like Porsche or Ferrari.
 The one who likes Ferrari does not live on Blue or Green floors.

Table 2

Car	Person	Floor	Gender
Mercedes		[Pink, Green, Yellow, Red, Brown]	F
Audi			
Ferrari	A	[Orange, Pink, Yellow, Brown]	F
Porsche	[C, D, E]	[Pink, Green, Yellow, Red, Brown]	F
Rolls Royce			
Maserati	F	[Orange, Pink, Yellow, Blue, Red, Brown]	
Lamborghini		[Pink, Green, Yellow, Blue, Red, Brown]	

Step 3**Reference:**

E is a Male.
 The one living on Yellow is a male.

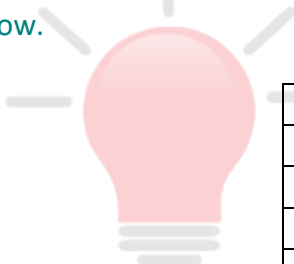
Combining Table 1 and 2, we get

Car	Person	Floor	Gender
Mercedes	[C, D, G]	[Pink, Green]	F
Audi	B	Brown	M
Ferrari	A	Orange	F
Porsche	[C, D]	[Pink, Green]	F
Rolls Royce	E	[Orange, Pink, Green, Yellow, Blue]	M
Maserati	F	[Orange, Pink, Yellow, Blue]	M
Lamborghini	[C, D, G]	Red	F

Step 4:

References

Pink and Green can only be occupied by C and D, so G must live on the Red floor.
The person who likes Mercedes is neither D nor E and she doesn't live on Red or Green floors.
F like Yellow.



Car	Person	Floor	Gender
Mercedes	C	Pink	F
Audi	B	Brown	M
Ferrari	A	Orange	F
Porsche	D	Green	F
Rolls Royce	E	Blue	M
Maserati	F	Yellow	M
Lamborghini	G	Red	F



Answers:

1. Following the final solution, we can say that it is E who live on blue floor.

Hence, the correct answer is option B.

2. Following the final solution, we can say that G like Lamborghini.

Hence, the correct answer is option B.

3. From the final solution, we can say that D is not a female.

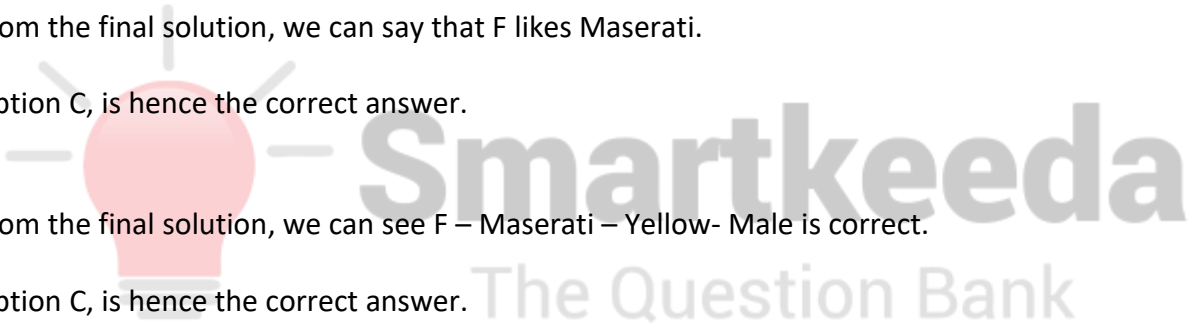
Option D, is hence the correct answer.

4. From the final solution, we can say that F likes Maserati.

Option C, is hence the correct answer.

5. From the final solution, we can see F – Maserati – Yellow- Male is correct.

Option C, is hence the correct answer.





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