



Puzzle Questions Overview

Puzzle Questions have a good weightage in the Ssc Cgl Exam and the type of question asked in Ssc Cgl exam is similar to the question mentioned below. It has been solved and explained by KD Live Experts under the guidance of Neetu Mam and they have tried to elaborate the concept used in Puzzle Questions.

Comprehension On Puzzle Questions

Direction: Read the given information carefully and answer the following questions. Seven persons live in a seven-story building where the ground floor is numbered as 1 and the topmost is numbered as 7. Each of them has different vehicles and different colours of doors. Different numbers of family members live on each floor not more than 10 members live on each floor. S lives on an odd number floor but not the ground floor and has a helicopter. Two persons live between S and the one who has a blue colour door. The number of members living on the third floor is the square of a number. The number of persons live above S is one less than the number of persons live below the one who has a yellow colour door and an Auto. Neither R nor P has blue colour door. Two persons live between R and T who lives on an odd-numbered floor and has a car. Two floors gap between P and Q and neither P nor Q has a Scooty and Bicycle. The number of members live on the topmost floor is two times of the number of members live on the third floor. Two people live between V and the family which has 4 members. R lives immediately above the one who has a green colour door and 3 members in the family. U who has a pink colour door has family members which is one less than V. The one who has pink colour door lives three floors below the one who has black colour door. The family in which 2 family members live on an odd number floor and white door. S has a brown colour door and lives three floors above the family which has 6 family members. Q has a bus and lives above the one who has Bike and below the one who has scooty. One of the families has 7 members.

Question On Puzzle

How many family members are in R's family and what is the colour of his door?

Difficulty : Moderate

Average Time : 115 Seconds

Puzzle Questions Options

1. 8, Brown
2. 2, Pink
3. 7, Yellow
4. 5, Black

None of these

Puzzle Questions Solution

The correct answer is **Option 3** i.e. **7, Yellow**

1. S lives on an odd number floor but not the ground floor and has a helicopter. (There are three possibilities S lives on either 7, 5, or 3 floors)
2. Two persons live between S and the one who has a blue colour door.
3. The number of members living on the third floor is the square of a number. (either 9 or 4)
4. The number of persons live above S is one less than the number of persons live below the one who has a yellow colour door and an Auto. (From this condition possibility of S lives on 3rd floor has been false).

There are two possible cases-

Case-1				
Floors	Persons	Door Colour	Vehicles	Number of Family Members
7	S		Helicopter	
6				
5				
4		Blue		
3				9/4
2		Yellow	Auto	
1				

Case-2				
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Floors	Persons	Door Colour	Vehicles	Number of Family Members
7				
6				
5	S		Helicopter	
4				
3		Yellow	Auto	9/4
2		Blue		
1				

5. The number of members live on the topmost floor is two times of the number of members live on the third floor. (Hence it is clear that 4 members live on 3rd floor and 8 members live on 7th floor).

6. Two people live between V and the family which has 4 members.

7. R lives immediately above the one who has a green colour door and 3 members in the family.

8. Neither R nor P has blue colour door.

9. Two persons live between R and T who lives on an odd-numbered floor and has a car. (From this condition case-2 will be eliminated)

10. Two floors gap between P and Q and neither P nor Q has a Scooty and Bicycle.

Case-1				
Floors	Persons	Door Colour	Vehicles	Number of Family Members
7	S		Helicopter	8
6	V			
5	T		Car	

4	Q	Blue	Scooty, Bicycle	
3				4
2	R	Yellow	Auto	
1	P	Green	Scooty, Bicycle	3

Case-2				
Floors	Persons	Door Colour	Vehicles	Number of Family Members
7	R			8
6	V	Green		3
5	S		Helicopter	
4	T			
3		Yellow	Auto	4
2		Blue		
1				

11. U who has a pink colour door has family members which is one less than V.
12. The one who has pink colour door lives three floors below the one who has black colour door.
13. The family in which 2 family members live on an odd number floor and white door.
14. S has a brown colour door and lives three floors above the family which has 6 family members.
15. Q has a bus and lives above the one who has Bike and below the one who has scooty.
16. One of the families has 7 members.

The final arrangement is-

Floors	Persons	Door Colour	Vehicles	Number of Family Members
7	S	Brown	Helicopter	8
6	V	Black	Scooty	5
5	T	White	Car	2
4	Q	Blue	Bus	6
3	U	Pink	Bicycle	4
2	R	Yellow	Auto	7
1	P	Green	Bike	3

From the above arrangement, R has a yellow colour door and 7 members in his family.

Hence the correct answer is **7, Yellow**.

Puzzle Questions Tips and Tricks



1. Try to solve Puzzle Questions without taking any help from the solutions.
2. Puzzle Questions require proper usage of concept so firstly read the question thoroughly and then use the right concept.

In case you're not able to solve the question in less than 30 seconds in the exam then you should skip the question and move to the next question.

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Page No: 7

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Neetu Mam is primarily passionate for the English language and teaching from the last 20 years however for the Puzzle Questions. She has guided her team to provide the best explanation for the question.



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