

How many persons sit between..

MODEL QUESTIONS

Directions (Q.01 - 10): Study carefully the following information and answer these questions.

There is a five floor apartment. Ground floor is numbered one and the fifth floor is top floor. There are exactly three flats in each floor at equidistant from each other, all facing north. They are named in such a way that the flat which is there on the extreme left is known by the number of the floor followed by 'L'. Similarly, the flat on the extreme right is known by the number of the floor followed by 'R'. and the flat which is exactly middle in each of the floors is known by the number of floor followed by 'M'. For example, the flat on the second floor on the extreme left is known as '2L'. In the same way, the flat on the second floor on the extreme right is called as '2R', and the flat in the middle on second floor is known by '2M'. Building is constructed in such a way that each flat is exactly one above the other. There are ten persons, A to J, each one occupying a flat but not necessarily in the same order. There are five vacant flats in the apartment. There is one vacant flat in each of the floors.

There is one flat between the flats of I and A in a floor. B's flat is on the immediate left of J's flat which is just below A's flat. Flat '3L' is not occupied. G's flat is on the left side of F's flat in a floor, but it is not on the top floor.

The flats of C and D are in the same floor, but not adjacent to each other. C's flat is not on fifth floor. A's

flat is not on 4th floor. E occupies the flat '1R'. The flat just above the D's flat is not a vacant flat. H's flat is a corner flat.

- Who stays in the flat '5R'?
1) I 2) A 3) D
4) C 5) None
- Which flat is vacant in the 4th floor?
1) 4L 2) 4M 3) 4R
4) Either 1 or 2
5) None of these
- Who stays in the flat '3R'?
1) I 2) A 3) D
4) C 5) F
- If A shifts to the F's flat and F shifts to the A's flat, then which flat A will be occupying?
1) 3R 2) 3M 3) 4R
4) 4M 5) None of these
- Who stays in the flat '1L'?
1) H 2) None 3) D
4) C 5) None of these
- Who stays in the flat '2L'?
1) H 2) None 3) D
4) C 5) None of these
- Which flat is vacant in the 5th floor?
1) 5L 2) 5M 3) 5R
4) Either 1 or 2
5) None of these
- Who stay in the second floor?
1) I & A 2) B & J 3) D & C
4) G & F 5) None of these
- Who stay in the fourth floor?
1) I & A 2) B & J 3) D & C
4) G & F 5) None of these
- If B occupies the vacant flat in the first floor, then which flat he would be occupying?
1) 1L 2) 1M
3) Can't say 4) Either 1 or 2
5) None of these



Directions (Q.11-17): Study the following information and answer the questions that follow

There are eight persons L, M, N, O, P, Q, R and S are sitting around the circle. Four of them are facing away from the centre. Four of them are teachers who teach four students. They like eight different subjects viz, History, English, Economics, Maths, Hindi, Physics, Sociology and Chemistry but not necessarily in the same order. Only two students are facing away from the centre. M is second to the left of O. Q is fourth to the left of R. N likes to study Hindi. One who likes English facing away from the centre. L is not facing away from the centre. R doesn't like either sociology or physics. S likes to study Maths. Q doesn't like Science subjects. Chemistry is studied either by M or O. S, who is facing outside is fourth to the left of L, who doesn't like to teach either Economics or Science subjects. R is second to the right of L. M and P are facing to each other. O is third to the right of L. P likes History. Q is facing away from the centre and a teacher. Physics is not liked by them who is facing towards

the centre. One who likes to teach English is between two students.

- Who among the following likes physics?
1) Q 2) R 3) O 4) L
5) Other than given options
- How many persons sit between the one who likes sociology and the one who is second to the right of M, when counted in clockwise direction from one who likes sociology?
1) Two 2) None
3) One 4) Seven
5) Other than given options
- Which of the following pair represents the immediate neighbour of the one who likes chemistry?
1) L and N 2) O and P
3) Q and R 4) S and Q
5) Other than given options
- R likes which of the following subjects?
1) Economics 2) History
3) Maths 4) Chemistry
5) Hindi
- Who among the following is/are teacher?
1) R 2) M 3) L 4) P
5) 1, 3 and 4
- Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?
1) Q 2) R 3) S 4) O 5) M
- Which of the following combination is correctly matched?
1) L - Sociology - Student
2) N - Chemistry - Student
3) O - Physics - Facing away from the centre
4) P - History - Student
5) Other than given options

given, which are followed by three conclusions I, II and III. Assuming that the given statements are true, find out which conclusion (s) is/are definitely true.

- Statements**
V \$ Y, Y @ Z, Z % X, X # T
Conclusions
I. T#Y
II. T%Y
III. Z%V
1) Only I follows
2) II and III follow
3) I and III follow
4) Only III follows
5) None of these
- Statements**
R @ J, J % F, F © E, E % M
Conclusions
I. M # J
II. F % M
III. M © R
1) Only I follows
2) Only II follows
3) Only III follows
4) I and II follow
5) All follow
- Statements**
H # R, R @ L, L © W, W % F
Conclusions
I. H # L
II. F # L
III. H \$ F
1) Only I follows
2) I and II follow
3) II and III follow
4) Either I or II follows
5) All follow
- Statements**
M # K, M \$ F, F % Q, Q © H
Conclusions
I. H # K
II. Q # K
III. Q @ M
1) I and II follow
2) Either I or II follows
3) All follow
4) II and III follow
5) None of the above
- Statements**
D © Q, Q \$ L, L # T, T % H
Conclusions
I. D © L
II. L @ H
III. H # L
1) Only I follows
2) I and II follow
3) Only I with either II or III follows
4) All follow 5) None of these

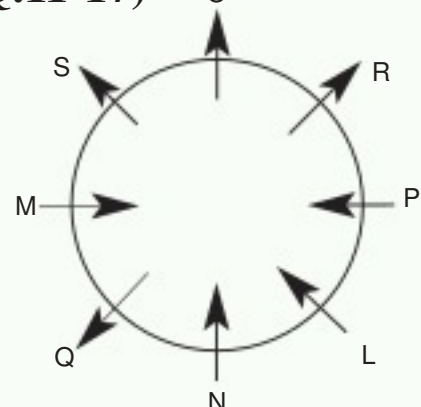
Key & Explanation

(1 - 10)

Floor	Person	Symbol	Person
Fifth Floor	I	*	A
Fourth Floor	*	B	J
Third Floor	*	G	F
Second Floor	C	*	D
First Floor	H	*	E

- 2;
- 1;
- 5;
- 1;
- 1;
- 4;
- 2;
- 3;
- 2;
- 2;

(Q.11-17)



Persons	Subjects	Teachers/Students
L	Sociology	Teacher
M	Chemistry	Student
N	Hindi	Student
O	Physics	Student
P	History	Teacher
Q	English	Teacher
R	Economics	Teacher
S	Maths	Student

- 3;
- 2;
- 4;
- 1;
- 5;
- 5;
- 3;

18) Given Statement,

T < X ≥ Z ≤ Y = V

I. T#Y is Y < T

II. T%Y is Y ≥ T

III. Z%V is V ≥ Z Hence, Only III with either I or II follows

Ans: 5

19) Given Statement,

M ≥ E > F ≥ J ≤ R

- M # J is J < M
 - F % M is M ≥ F
 - M © R is R > M
- Clearly, Only I follows

Ans: 1

20) Given Statement,

F ≥ W > L < R < H

I. H # L is L < H

II. F # L is L < F

III. H \$ F is F = H

Hence, I and II follow

Ans: 2

21) Given

H > Q ≥ F = M > K

I. H # K is K < H

II. Q # K is K < Q

III. Q @ M is M ≤ Q

Clearly, All the conclusions follow.

Ans: 3

22) Given Statement,

H ≥ T < L = Q > D

I. D © L is L > D

II. L @ H is H < L

III. H # L is L < H

Clearly, Only I with either II or III follows.

Ans: 3

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