

# How many persons were seated in the row?



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### MODEL QUESTIONS

**Directions (Q.No.1-4): Study the following information carefully and answer the questions given below:**

A certain number of persons were seated in a row facing the North. The information about the only few of them is known.

David was seated 3<sup>rd</sup> to the left of Mallika. Three persons were seated between Babar and Gopal. Gopal was neighboring David. Number of persons seated to the left of David was equal to the number of persons to the right of Ajay. 3 persons were seated between Babar and Ajay. Charan was to the immediate left of Ajay. Two persons were seated between Charan and Kavitha. Kavitha was seated at one of the extreme ends. Babar was seated to the right of Gopal.

- How many persons were seated in the row?  
a) 12    b) 14    c) 15  
d) 16    e) 17
- If Kumar was seated to the immediate left of Latha, then how many different arrangements are possible?  
a) None    b) 1    c) 2  
d) 3    e) More than 3
- How many persons were seated to the left of David?  
a) None    b) 1    c) 2  
d) 3    e) More than 3
- How many persons were there seated between Mallika and Ajay?  
a) Four    b) Five    c) Three  
d) two    e) None of these
- How many such pairs of letters are there in the word 'SUCCESSFULLY' each of which has many letters between them as in the English alphabetical series on both forward and backward direction?  
a) 2    b) 1    c) 4  
d) 3    e) None

**Directions (Q.No.6 - 10): Study the following information carefully**

**and answer the questions given below:**

10 persons Naresh, Ramesh, Suresh, Siva, Mohan, Babu, Sujatha, Kumari, Uma and Vamsi live in 5 - Floor building (the bottom most floor is 1 and the top most is 5), where each floor has 2 flats. On every floor, one of the flats is to the east of other one. The building has 2 lifts, where lift Hitachi stops only on odd numbered floors and lift Mitsubishi stops only on even numbered floor.

Naresh and Babu Use lift Mitsubishi. There is no flat to the west of flat of Naresh and is no flat to the east of flat Babu. Only 1 floor is between the floor of Suresh and floor of Babu. No flat is to the west of the flat of Suresh. Siva lives on the floor immediately above the flat of Suresh and in the flat to the immediate west of the flat Sujatha. Only 1 floor is there between the floor of flat Siva and floor of flat Vamsi. No flat is to the east of flat Vamsi. Ramesh lives on the same floor as that of Vamsi. There are 2 floors between the floor of Mohan and floor of Kumari. Mohan lives below Kumari and both live on the same side of the building. Ramesh lives on the floor adjacent to the floor of Naresh.

- How many floors are there between the floor of Naresh and that of Ramesh?  
a) 0    b) 1  
c) 2    d) 3  
e) Cannot be determined
- Name the person, whose flat is on the same floor as that of Kumari  
a) Suresh    b) Uma  
c) Kumari    d) Mohan  
e) Naresh
- \_\_\_'s flat is on the same floor as that of Babu's flat  
a) Suresh    b) Uma  
c) Kumari    d) Mohan  
e) Naresh
- Find the odd one out?  
a) Suresh    b) Siva  
c) Ramesh    d) Sujatha  
e) Vamsi
- What is the floor number of Uma and Suresh respectively?  
a) 2 and 4    b) 4 and 3  
c) 3 and 1    d) 1 and 5



e) 1 and 4

**Directions (Q.No.11-15): Study the following alphanumeric series carefully and answer the questions given below:**

T R % 9 M 6 # A 3 4 & @ I \* 8 B ^ % 5 4 S D

- How many numbers are present in the above series which are immediately followed by a symbol and preceded by an alphabet?  
a) None    b) One    c) Two  
d) Three    e) More than three
- Which element is exactly between the elements which are 7<sup>th</sup> from the left and 6<sup>th</sup> from the right end?  
a) 4    b) &    c) @    d) I  
e) None of these
- How many symbols are present in the above series which are immediately followed by a vowel and preceded by a number?  
a) Three    b) One    c) Two  
d) None    e) More than three
- How many vowels are between the elements which are 7<sup>th</sup> from the right and 4<sup>th</sup> from the left end?  
a) None    b) One    c) Two  
d) Three    e) More than three
- If all the numbers are removed from the above series, then which element is 13<sup>th</sup> from the right end?  
a) T    b) %    c) R    d) #  
e) None of these

**Directions (Q.No.16-21): Read the following information carefully and answer the questions that follow:**

Eight Athletes B1, B2, B3, B4, B5, B6, B7 and B8 are sitting around

a circular table facing the center. Each athlete is wearing a shoes of different brand viz. S1, S2, S3, S4, S5, S6, S7 and S8, but not necessarily in the same order. Neither B1 nor B6 is wearing shoes of S2 brand. Age of the athlete who sits opposite to the one who is wearing shoes of brand S7 is two third the age of the Athlete who sits opposite to B3, whose age is equal to the average of ages of B5 and B4. The Athlete wearing the shoes of S2 brand sits third to the right of B7. B3 is an immediate neighbour of B7. B2 sits third to the right of B8. B8 is wearing shoes of neither S2 nor S4 brand. The Athlete who sits between B2 and the one who is wearing shoes of brand S2 is 25 years old. Only one Athlete sits between B3 and the Athlete who is wearing shoes of S3 brand. B1 and B6 are immediate neighbours of each other. The Athlete who sits opposite to B3 is 2 years older than the Athlete who sits immediate left of B5. The Athlete wearing shoes of brand S1 is not an immediate neighbour of the Athlete wearing shoes of brand S2. Age of B8 is equal to the sum of the ages of the Athletes who are wearing shoes of brand S3 and S4. The Athlete wearing shoes of brand S6 sits second to the left of B1. The Athlete wearing shoes of S8 brand sits second to the right of B1. Two Athletes sit between B4 and the Athlete wearing shoes of brand S5. B7 is twice as old as one of his immediate neighbour. B6 is five years older than B3. B4 is not wearing shoes of S2 brand. B1 is 10 years younger than the Athlete who is wearing shoes of brand S2. The Athlete who is wearing shoes of brand S4 sits second to the right of B3.

- What is the sum of the ages of the immediate neighbours of the person who is sitting opposite to B5?  
a) 58 years    b) 55 years  
c) 65 years  
d) Less than 50 years  
e) None of these
- Who is the oldest of them all?  
a) B1    b) B8    c) B3  
d) B6    e) B4
- What is the position of B6 with

respect to the Athlete who is wearing shoes of brand S2?

- Second to the left
  - Second to the right
  - Immediate right
  - Immediate left
  - None of these
- What is the sum of the ages of B5, B7 and B2?  
a) 50 years    b) 54 years  
c) 48 years    d) 39 years  
e) None of these
  - B5 is wearing shoes of which brand?  
a) S8    b) S4    c) S6  
d) S2    e) S5
  - Who is the youngest of them all?  
a) B2    b) B3    c) B1  
d) B4    e) None of these

**Directions (Q.No.22-24) : Study the following information carefully and answer the questions given below:**

Tej start walking from his house. He walks 25 meters in the north direction and then takes left turn to walk another 20meters. Then he takes right turn and walks another 15 meters to reach the temple. Store is 55 meters to the north of the house of Tej. Masjid is to the east of the temple. The shortest possible distance between store and Masjid is 25 mters.

- What is the shortest possible distance between Temple and store?  
a) 25 m    b) 20 m    c) 15 m  
d) 40 m    e) 45 m
- What is the shortest possible distance between Temple and Masjid?  
a) 10m    b) 5m    c) 35m  
d) 40m    e) 45m
- If a person starts from Tej's house towards east and takes only one turn to reach the Masjid, then what is the distance travelled by him from Tej's house to Masjid?  
a) 20m    b) 30√2 m  
c) 20√2m    d) 45 m  
e) None of these
- If in a certain code language, 'JACKAL' is coded as 'MDFHXI', then how will 'FRIEND' be coded in the same code language?  
a) IVLHPG    b) IULBKA  
c) ITLBQA    d) IVLHQQ  
e) IULGPH

### KEY WITH SOLUTIONS

**(1-4):**  
\_\_\_\_\_ David Gopal \_\_\_\_\_ Mallika \_\_\_\_\_  
Babar \_\_\_\_\_ Charan Ajay \_\_\_\_\_ Kavitha  
1) b;    2) c;    3) c;    4) b;

**5) c;**

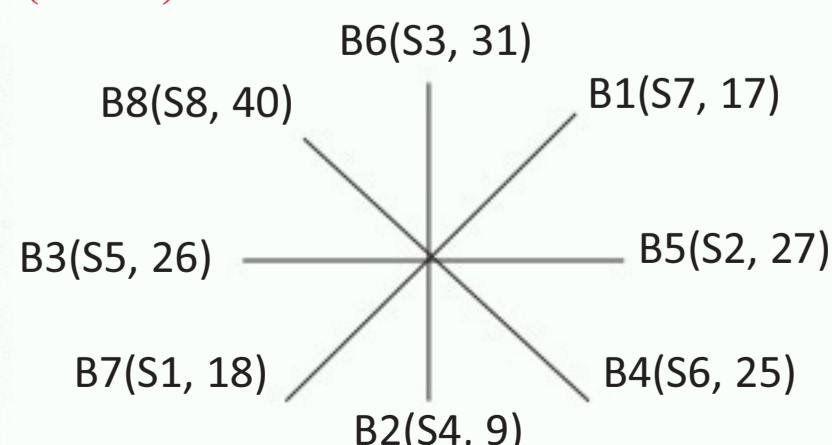
**(6- 10):**

5	Siva	Sujatha
4	Suresh	Kumari
3	Ramesh	Vamsi
2	Naresh	Babu
1	Uma	Mohan

6) a;    7) a;    8) e;    9) a;    10) e;

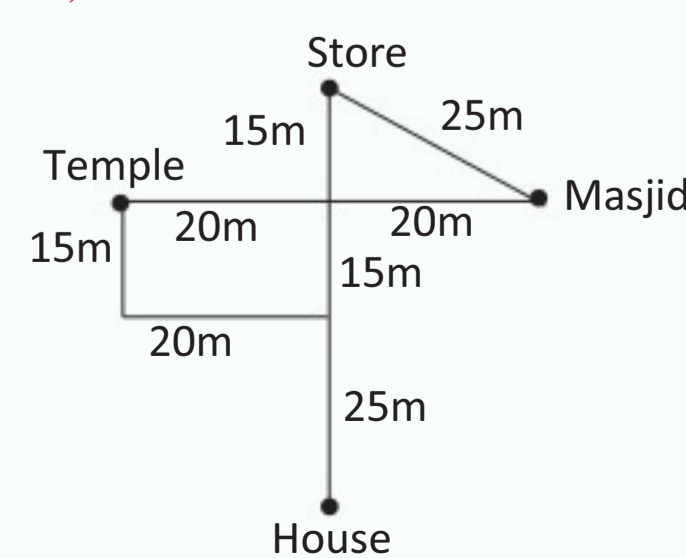
**(11- 15):**  
11) b;    12) c;    13) b;    14) c;    15) b;

**(16- 21):**



16) a;    17) b;    18) b;  
19) b;    20) d;    21) a;

**(22- 24):**



22) a;    23) d;    24) e;

**25) b;**

J	A	C	K	A	L
↓+3	↓+3	↓+3	↓-3	↓-3	↓-3
M	D	F	H	X	I

F	R	I	E	N	D
↓+3	↓+3	↓+3	↓-3	↓-3	↓-3
I	U	L	B	K	A