

# What is the position of Srujal?



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## Model Questions

**Directions (Q.No.1-5):** These questions are based on the following information.

Eight persons Tej, Siva, Rajesh, Ravi, Suma, Latha, Alekhya and Harini live on a different floor of an eight storeyed building but not necessarily in the same order. Ground floor of the building is numbered one, the floor which is immediately above the ground floor is numbered two and so on until the topmost floor is numbered eight. Each person has different number of pens 54, 27, 16, 29, 62, 45, 31 and 48, but not necessarily in the same order. No two persons have the same number of pens. The following information is known about them.

The persons who live on an odd numbered floor have odd number of pens and the persons who live on an even numbered floor have even number of pens. Siva lives four floors below the floor on which the one who has 27 pens live. Rajesh does not live on the bottom floor. Latha has 11 pens more than Suma, who lives immediately above the floor on which Siva lives. Latha lives above the floor on which the person who has 48 pens live. Tej lives on an even numbered floor and has twice the pens that of Rajesh's. Tej lives immediately below the floor on which Ravi lives. Ravi has odd number of pens. Harini has 54 pens. Siva has less number of pens than Ravi.

1. What is the sum of the pens with Alekhya and Rajesh?  
a) 85 b) 79 c) 93 d) 75 e) 45
2. How many pens does Siva have?  
a) 27 b) 31 c) 45 d) 29 e) Cannot be determined
3. How many persons live between the floors on which the persons who has 62 pens and Ravi live?  
a) Three b) Two c) One d) None e) None of these
4. Who lives on 5<sup>th</sup> floor?

- a) Ravi b) Siva
- c) Rajesh d) Latha
- e) None of the above

5. Who has 31 pens?  
a) Ravi b) Siva  
c) Rajesh d) Latha  
e) None of the above

**Direction (Q.No.6-10):** These questions are based on the following information.

A certain number of students are sitting in a row facing south.

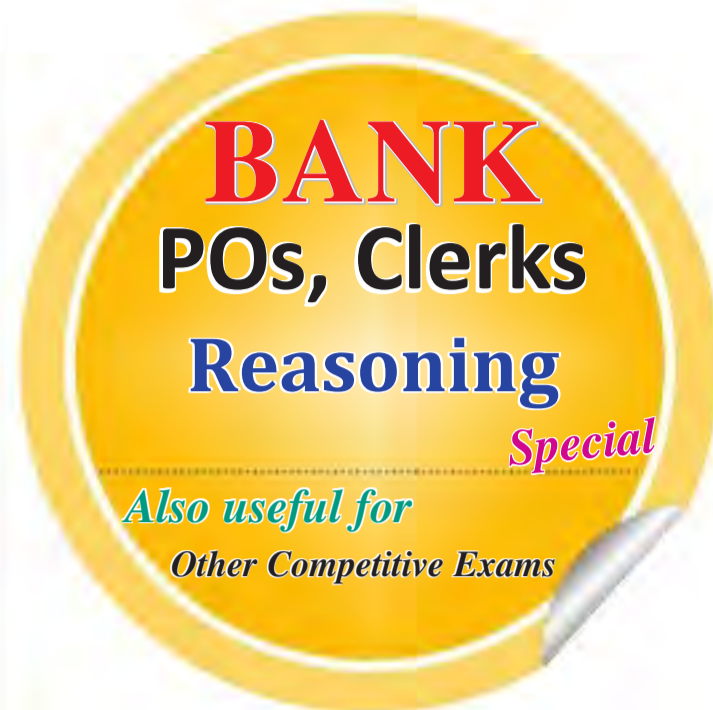
Three students sit between Suneel and Sumitra. Suresh sits third to the right of Suneel. Two students sit between Sumitra and Suma. Only five students sit to the right of Suma. The number of students sit to the right of Suneel is the same as the number of students sit to the left of Suma. Suneel and Suma are adjacent to each other. More than two students sit between Suma and Srujal. Silpa sits exactly between Srujal and Suma. Srujal does not sit at the end.

6. How many students are there in total?  
a) 12 b) 10 c) 18 d) 11 e) 17
7. How many students sit between Sumitra and Silpa?  
a) Two b) Five c) Four d) Three e) None
8. Who sits second to the left of Suresh?  
a) Suneel b) Silpa  
c) Sumitra d) Suma e) Srujal
9. What is the position of Srujal?  
a) Third to the left of Silpa  
b) Second to the left of Suneel  
c) Third from the left end  
d) second from the right end  
e) Immediate right of Sumitra.

10. If Gopal sits third to the right of Silpa, then what is the position of Gopal with respect to Sumitra?  
a) Second to the right  
b) Second to the left  
c) Immediate left  
d) Immediate right  
e) None of these

**Directions (Q.No.11 - 15):** Study the following information carefully to answer the given questions.

Ten famous personalities are sitting in twelve seats in two parallel rows containing five people each, in such a way that there is an equal distance between adjacent persons.



**In Row-1:** Harish, Vathsalya, Pavani, Danusha, and Paveen are seated and all of them are facing south and In Row -2: Amar, Deepika, Keerthy, Mounika and Lavanya are sitting and all of them are facing north.

One Seat is vacant in each row. Therefore, in the given seating arrangement each member seated in a row faces another member of the other row. All of them like different Chocolates like i.e. Kit-Kat, Snickers, 5-Star, Amul, Ferrero, Nestle, Cadbury, Pacari, Dairy Milk and Bournville.

Mounika sits third to the right of Keerthy and likes Amul. Only two people sit between Deepika and Vacant seat. Deepika sits at one of the extreme ends. Keerthy does not like Kit-Kat and Pacari.

Deepika does not like Ferrero and 5-Star. Paveen is not as immediate neighbour of Pavani. Vathsalya likes Bournville. The one who likes 5-Star faces the one who likes Pacari. Vacant seat of row-1 does not face Mounika also does not sit at any of the extreme ends.

The one who likes 5-Star sits opposite to the one, who sits third right of the one, who sits opposite to Mounika. Pavani is not an immediate neighbour of Danusha. Lavanya, who likes neither Ferrero nor Nestle, does not face vacant seat.

Neither Mounika nor Keerthy sits at an extreme ends. Danusha faces Keerthy. Vacant seats are not opposite to each other. Two seats are there between Pavani and Vathsalya, who sits third right of the one, who likes Cadbury.

The one who likes Dairy Milk faces the one, who likes Amul. The

person who likes Kit-Kat and Pacari are adjacent to each other.

Vacant seat of row - 1 is not an immediate neighbour of Danusha.

11. Who among the following sits second to the right of the person who faces the vacant seat?  
a) One who likes Snicker.  
b) One who likes Nestle.  
c) Harish d) Pavani  
e) One who likes Cadbury.

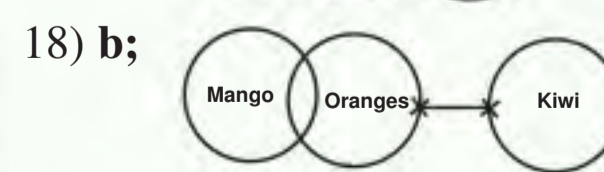
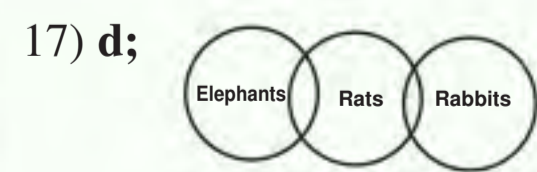
12. Which of the following is true regarding Harish?  
a) Vathsalya and Pavani are immediate neighbours of Harish.  
b) Only two people sit between Harish and Pavani.  
c) Harish is an immediate neighbour of the person who faces Keerthy.  
d) Harish sits second to left of Vathsalya  
e) None of the given options is true.

13. Which of the following groups of people represents the people sitting at extreme ends of both the rows?  
a) Vathsalya, Pavani, Harish, Keerthy  
b) Paveen, Lavanya, Deepika, Pavani  
c) Paveen, Pavani, Harish, Keerthy  
d) Vathsalya, Pavani, Harish, Lavanya  
e) Deepika, Pavani, Harish, Keerthy

14. Who amongst the following faces vacant seat of first row?  
a) Vathsalya b) Pavani  
c) Amar d) Harish e) Keerthy
15. Which of the following is true with respect to the given information?  
a) Amar sits exactly between Lavanya and Keerthy  
b) Danusha faces immediate neighbour of Lavanya  
c) Deepika is an immediate neighbour of Amar  
d) Pavani faces vacant seat  
e) None of the given options is true

**Directions(Q.No.16- 18):** Which of the following may be P and Q, if both the conclusions logically follows:

16. **Statements:**  
I. Some Men are wise II. P



- (19 - 20):  
19) **a;**  
I.  $D > F$  ( $D \geq C > K = F$  : True)  
II.  $B > W$  ( $B < C > K > W$  : False)
- 20) **d;**  
I.  $R = S$  ( $R = T \geq S$  : False)  
II.  $P = T$  ( $P > Q < R = T$  : False)

**Conclusions:**

- I. Some Women are not Men
- II. Q  
a) P = All wise are women  
Q = some women are men  
b) P = No men is women  
Q = some wise are women  
c) P = some wise are not women  
Q = some wise are women  
d) P = No women is men  
Q = All women being wise is a possibility  
e) None of these

**17. Statements:**

- I. Some elephants are rats
- II. P  
**Conclusions:**  
I. Some rabbits can be elephants  
II. Q  
a) P = No rat is rabbit  
Q = No elephant is rabbit  
b) P = some rabbits are elephants  
Q = some rats can be rabbits  
c) P = some elephants are not rabbits  
Q = All elephants can be rabbits  
d) P = some rats are rabbits  
Q = All rabbit can be rats  
e) None of these

**18. Statements:**

- I. Some mangoes are Oranges
- II. P  
**Conclusions:**  
I. Some Kiwi can be mangoes  
II. Q  
a) P = Some oranges are not Kiwi  
Q = No Kiwi is mangoes  
b) P = No Kiwi is orange  
Q = Some mangoes are not Kiwi  
c) P = Some Kiwi are not mangoes  
Q = All mangoes can be Kiwi  
d) P = No mango is Kiwi  
Q = All mangoes being Kiwi is a possibility  
e) None of these

**Directions (Q.No.19-20):** In these questions, a relationship between different elements is shown in the statement(s). The statements are followed by two conclusions.

19. **Statements:**  $B < C \leq D$ ,  $C > K = F$ ,  $K > W \geq N$   
**Conclusions:** I.  $D > F$  II.  $B > W$   
a) Only Conclusion I follow.  
b) Only Conclusion II follows.  
c) Either Conclusion I or II follows.  
d) Neither Conclusion I nor II follows.  
e) Both Conclusion I and II follows.

20. **Statements:**  $P > Q < R = T \geq S$   
**Conclusions:** I.  $R = S$  II.  $P = T$   
a) Only Conclusion I follow.  
b) Only Conclusion II follows.  
c) Either Conclusion I or II follows.  
d) Neither Conclusion I nor II follows.  
e) Both Conclusion I and II follows.

## Key with Solutions

(1-5):

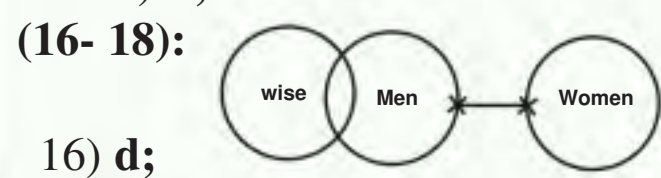
F.No.	Person	Pens
8	Harini	54
7	Ravi	45
6	Tej	62
5	Latha	27
4	Alekhya	48
3	Rajesh	31
2	Suma	16
1	Siva	29

- 1) **b;** 2) **d;** 3) **d;** 4) **d;** 5) **c;**

(6- 10): 6) **a;** 7) **c;** 8) **d;** 9) **c;** 10) **b;**

Right	SOUTH					Left				
*	*	Sumitra	Suresh	*	Suma	Suneel	Silpa	*	Srujal	*

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



- 16) **d;**