

## Order and Ranking

### Solution

1. **Answer: (C)**

Number of people in the row  
 $= (7 + 9 + 6 + 2) = 24$ .

2. **Answer: (A)**

By processing the information given in the question, the following sequence can be obtained:

1) A is taller than B,

$A > B$

2) C is taller than D, but shorter than E,

$E > C > D$

3) B is shorter than D and D is taller than A,

$D > A$  &  $D > B$

Final order:  $E > C > D > A > B$

Hence, E is the tallest.

3. **Answer: (C)**

1) P is shorter than Q but taller than T,

$Q > P > T$

2) R is the tallest and S is shorter than P but not the shortest,

R (tallest),  $P > S$  (not shortest)

In the descending order of height (tallest to shortest), the following arrangement can be deduced:

$R > Q > P > S > T$

Based on this, T is the shortest and S is the second last in the descending order of height.

4. **Answer: (C)**

Rakesh = Tanvir + 6

Tanvir's rank is eighteenth from the last.

Rakesh's rank from the last =  $18 + 6 = 24$

Rakesh's rank from the start =  $42 - 24 + 1 = 19$ .

Hence, 19 is Rakesh's rank from the start.

5. **Answer: (D)**

In descending order of weight from the above statements,

Rohit	Suresh
Suresh	Rohit
Aman	Aman
Alok	Alok
Danish	Danish

Either, Rohit or Suresh is at the top but it is not clear who.

Hence, the answer cannot be determined

6. **Answer: (A)**

The dates between 15<sup>th</sup> and 18<sup>th</sup> may are 16 and 17 only. And supplementing this information to obtain the answer is by considering Deep's statements. The date that same in both Deep and Raman's statements is 17<sup>th</sup> may.

Hence, '17 May' is the correct answer.

7. **Answer: (A)**

Total number of students in the class = 42

Swati's rank =  $(42 - 19 = 23 + 1 = 24)$   
 24<sup>th</sup> rank

Purshottam's rank =  $24 + 6 = 30$ .

Hence, Purshottam's rank is 30<sup>th</sup> from the top.

8. **Answer: (C)**

1) 6 people are sitting in row.

2) A is sitting towards immediate left of B and immediate right of C.

C   A   B

3) C is sitting to immediate right of F.

F   C   A   B

4) D is immediate right of E who is to the left of F.

E   D   F   C   A   B

Hence, F and C are sitting in the centre of the row.

9. **Answer: (B)**  
Deepak's initial position = 36th from right  
and Sunil final position = 28th from left  
Also, after interchanging Deepak's initial  
position = Sunil's final position  
Thus, number of boys =  $(36 + 28) - 1 = 63$

10. **Answer: (A)**  
As per the given information,  
1) Mohini is taller than Nita but not shorter  
than Sarita: Mohini > Nita, Mohini > Sarita  
2) Sarita and Malini are of same height:  
Sarita = Malini  
3) Mohini is shorter than Hema: Hema >  
Mohini  
From the given statements, it is clear that  
Mohini is shorter than only Hema.

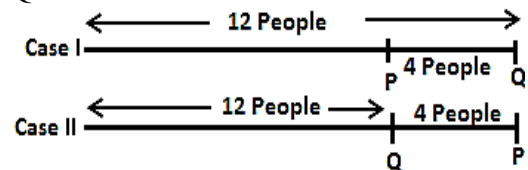
11. **Answer: (B)**  
According to the given information:  
Maruti = 20<sup>th</sup> from the left end.  
Honda = 10<sup>th</sup> to the right from Maruti means  
it is 30<sup>th</sup> from the left end row = exact  
Centre of the row.  
If the 30<sup>th</sup> car is exactly at the centre, then  
total number of cars will be = 29 cars from  
left side + 29 cars from right side + 30<sup>th</sup> car  
i.e.  $29 + 29 + 1 = 59$

12. **Answer: (D)**  
According to the given information:  
1) Kunal > Rohit, Vivek < Sushma, Kunal >  
Vivek  
2) as there is no relation established  
between Vivek and Rohit, we cannot  
determine who is younger.

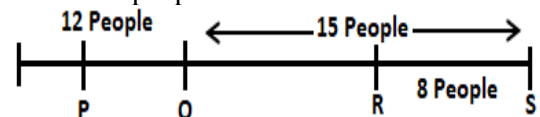
13. **Answer: (B)**  
Total student in class = 52  
Bilal's rank is 11th from the bottom  
 $\Rightarrow$  (Rank from Bottom = 11<sup>th</sup>, Rank from  
Top = 42<sup>nd</sup>)  
Salman is 9 ranks above Bilal  
 $\Rightarrow$  (Rank from Bottom = 11<sup>th</sup> + 9 rank = 20<sup>th</sup>,  
Rank from Top = 33<sup>rd</sup>)

14. **Answer: (A)**  
Total no. of cars = (Position of car from left  
+ Position of car from right) - 1

15. **Answer: (A)**  
In a row of people, there are 12 people  
before Q, there are 4 people between P and  
Q.

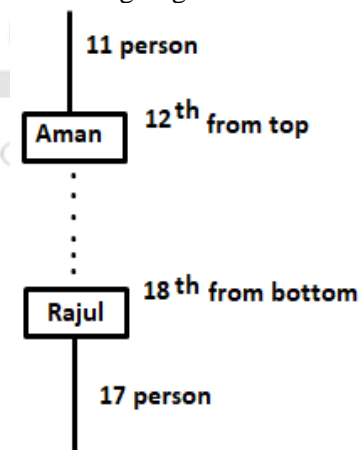


There are 15 people between Q and S.  
If there are 8 people between S and R, then  
minimum people in the row



Thus, the minimum number of people will  
be 27.

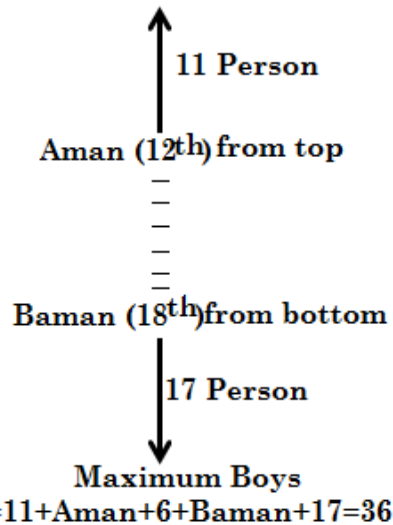
16. **Answer: (D)**  
According to given information:



After interchanging the position,  
Rajul is 42<sup>nd</sup> from top so,  
Total boys in the row =  $42 + 17 = 59$   
Hence, '59' is the correct answer.

17. **Answer: (B)**  
The diagrammatic representation is

After 23<sup>rd</sup> December and 25<sup>th</sup> December and before 27<sup>th</sup> December there will be only one date left that is 26<sup>th</sup> December. Thus, Vihan's birthday is on 26<sup>th</sup> December.



Maximum number of boys is 36

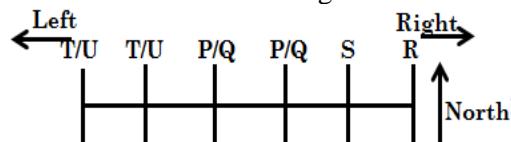
18.

Answer: (D)

All the members are facing north

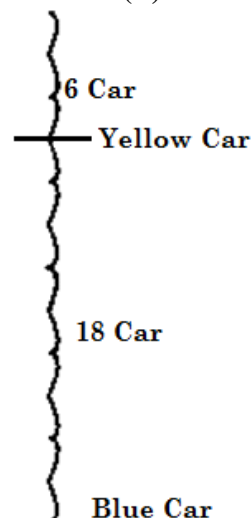
P and Q cannot sit at first and second places

R does not have S to his right



19.

Answer: (B)



Hence, the minimum total number of cars is

$$= 6 + 18 + 2 = 26.$$

20.

Answer: (D)