

RANKING TEST (1-2M)

1. In a row your position is 5th from either ends then how many members in the row?

A) 1 2 3 4

5
5

 4 3 2 1

$$10 - 1 = 9$$

Only one person is counting twice so subtract '1'

2. Ramarav is 16th from top and 49th from bottom in a class. How many members are there in the class.

A.
$$\begin{array}{r} 16 \\ 49 \\ \hline 65 - 1 = 64 \end{array}$$

3. Manisha ranked 16th from top and 29th bottom among those who passed an examination 6 boys did not participate in the competition and 5 failures in this. Then how many members are in the class.

A)
$$\begin{array}{r} 16 \\ 29 \\ \hline 45 - 1 = 44 \text{ - passed} \\ 6 \text{ - Abstainies} \\ 5 \text{ - fails} \\ \hline 55 \end{array}$$

4. In a row of 12 boys ramu who is 5th from left end. Then what is his position from right.

A. 1 2 3 4 5 6 7 8 9 10 11 12 /

$$12 - 5 = 7 + 1 = 8^{\text{th}} \text{ from right.}$$

5. Manoj and Sachin are ranked 7th and 11th respectively from top in a class of 31 students. What will be the respective ranks from bottom.

A. $M - 7 \Rightarrow M_{24+1} = M_{25}$

$$S - 11 \Rightarrow S_{(31-11)+1} = S_{21}$$

← left

2nd from right

a) 25 \ b) 27 \ c) 29 \ d) None \

$$\begin{array}{r} \boxed{\begin{array}{c} R_{17} \\ S_{14} \end{array}} \quad 16 \ 15 \ 14 \ 13 \ 12 \ 11 \ 10 \ 9 \ 8 \ 7 \ 6 \ 5 \ 4 \ 3 \ 2 \ 1 \\ \hline 31 - 1 = 30 \end{array}$$

one place is counting two times so "-ve".

A) M_{10} R_9
 R_{17} M_{18}

$$27 - 1 = 26 \quad 27 - 1 = 26$$

a) 4 b) 8 c) 14 d) 15.

A. 1 2 3 4 K 5 6 7 8 9 10 11 12 Mg 5 4 3 2 1

←
M₁₄ 13 12 11 10 9 8 7 K₁₃

$$\begin{array}{cc} K_5 & 8 & M_6 \\ & \times & \\ M & & K_{13} \end{array}$$

$$\rightarrow 6 + 8 = 14$$

Ans:- 14.

10. In a row of boys Kapil is 8th from right Nikunj is 12th from left. When Kapil and Nikunj interchange their position. Nikunj becomes 21th from left. Which of the Kapil position from right.

- a) 8 b) 17 c) 21 d) cannot.

$$\begin{array}{cc} N_{12} & 9 & K_8 \\ & \times & \\ K_{17} & & N_{21} \end{array}$$

11. In a cube Amrutha is 10th from front while Mukul is 25th from behind and Mamata is just in middle of two. There will be 50 persons in cube. What position mamata occupies from front.

- a) 20 b) 19 c) 18 d) 17

A) Total = 50

$$A_{10} \text{ --- } M \text{ --- } M_{25}$$

$$50 - (10 + 25) = 50 - 35 = \frac{15}{2} = 7.5 \approx 8 \text{ from left and}$$

$$10 + 8 = 18.$$

12. In a cube vijay is 14th from front and jack is 17th from end while mary is in b/w vijay and jack. If vijay be ahead of jack and there will be 48 persons in que. How many persons in b/w mary and vijay.

- a) 8 b) 7 c) 6 d) 5

A) Total = 48

$$V_{14} \text{ --- } M \text{ --- } J_{17}$$

$$48 - (14 + 17)$$

$$= 48 - 31 = \frac{17}{2} = 8.5 \approx 9^{\text{th}} \text{ person is mary}$$

In b/w vijay and Mary = 8 No's.

13. Three persons A, B, C are standing in a Q. There are 5 persons b/w A & B. 8 persons b/w B & C. If there be 3 persons ahead of C and 21 persons behind A. What could be the min no. of persons in the que.

- a) 41 b) 40 c) 28 d) 27

A. $\leftarrow \frac{21}{A} \xrightarrow{5} B \xrightarrow{8} C \xrightarrow{3}$
 $21 + 1 + 5 + 1 + 8 + 1 + 3 = 40$

ii) $\leftarrow \frac{3}{C} \xrightarrow{8} B \xrightarrow{15} \leftarrow$
 $A \xrightarrow{21} \leftarrow$
 $\frac{-6}{11}$
 $3 + 1 + 8 + 1 + 15 = 28$

ahead / behind

Ahead

$\{C\} \xrightarrow{3}$

$\leftarrow \{C\}$

Behind

$\leftarrow \frac{21}{A}$

$\{A\} \xrightarrow{21}$