

## B 2- High-Level Order & Ranking Quiz Part-4



### High-Level Order & Ranking Quiz Part- 4



**Rank and order is an important point from the bank exam. In order and ranking questions, you have to find out the position of a person from left to right or from top to bottom.**

Now, let's discuss each different case in Rank and Order.

### 1) Find out total no. of persons in a line

In this question, the below formula is used.

Total no of persons = Left position in the line + Right position in the line - 1.

#### **For Example:**

A is 25th from the left and 32nd from the right, find out the total no of persons in the line.

Total no of persons = Left position in the line + Right position in the line -

1.

Total no of persons =  $25 + 32 - 1 = 56$

## 2) Find the total no of persons if there is a given a difference

Total no of persons = person's position from the given side or from the top or bottom + given difference

### **For Example:**

A's position from the top is 17th and the persons behind A are 7. Find out total no of persons in a row.

Total no of persons = person's position from the given side or from the top or bottom + given difference

Total no of persons =  $17 + 7 = 24$

## 3) When total no persons and position of two different persons given from the opposite. Find out no of persons between this two persons.

### 1) If Total no of persons > total of position of both opposite persons

#### **Formula:**

No of persons between two person's position = Total no of persons - total of both persons of opposite position

#### **For example:**

There are 58 persons in a row, in which A is 11th from the left and B is 22nd from the right side of the row. Find out no of people between A and B.

No of persons between two person's position = Total no of persons - total of both persons of opposite position

$$\begin{aligned} \text{No of persons between two person's position} &= 58 - (11+22) \\ &= 58-33 \\ &= 25 \end{aligned}$$

### 2) If Total no of persons < total of position of both opposite persons

#### **Formula:**

No of persons between two person's position = Total of both persons of opposite position - total of all persons - 2

#### **For example:**

There are 50 persons in a row, in which A is 24th from the left and B is 30nd from the right side of the row. Find out no of people between A and B.

No of persons between two person's position = Total of both persons of

opposite position - total of all persons - 2

$$\begin{aligned} \text{No of persons between two person's position} &= (24+30) - 58 \\ &= 54 - 50 - 2 \\ &= 2 \end{aligned}$$

#### 4) If persons interchange their positions in a row and the interchange position of one person given.

##### Formula

1) **Total no of persons in a row = person position before change + person position after change - 1**

##### For Example:

In a row A is 11th from the left and B is 18th from the right, after interchanging their positions A becomes 29th from the left. Find the total no of persons in a row.

##### Formula

Total no of persons in a row = person position before change + person position after the change - 1

$$\begin{aligned} \text{Total no of persons in a row} &= 11 + 29 - 1 \\ &= 39 \end{aligned}$$

2) **No of persons between A and B = person position after change - person position before the change - 1**

$$\begin{aligned} \text{Total no of persons in a row} &= 29 - 11 - 1 \\ &= 17 \end{aligned}$$

3) **New position of the second person after interchange = Position of the second person from right side before interchanging + (Position of the first person from left side after interchanging - Position of A from left side before interchanging)**

$$\begin{aligned} \text{New position of the second person after interchange} &= 22 + (29 - 11) \\ &= 18 + 18 \\ &= 36 \end{aligned}$$



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