

RANKING TEST

1. Veer Das ranks 7th from the top and 28th from the bottom in a class. How many students are there in the class?

- A. 32
- B. 33
- C. 34
- D. 35

2. In a class of 35 students, Ziya is placed 7th from the bottom where as Sofia is placed 9th from the top. Shahruk is placed in between the two. What is Ziya's position from Shahruk?

- A. 10
- B. 15
- C. 19
- D. 21

3. If Ranveer Singh finds that he is 13th from the right in a line of boys and 8th from the left, how many boys should be included in the line such that there are 30 boys in the line?

- A. 8
- B. 10
- C. 12
- D. 14

4. The positions of how many digits in the number 2451479638 will remain same when the first half and the second half of the digits are arranged in ascending order separately?

- A. Only one
- B. Two
- C. None
- D. Three

5. During a prize distribution ceremony, Vikram was ninth from the left while Janhvi was eighth from the right in the front row. If Hariom was thirteenth from the left and was exactly in the middle of Vikram and Janhvi in the same row then what was the total number of people in the front row?

- A. 18
- B. 19

- C. 21
- D. 24

6. Riya correctly remembers that she has paid an amount less than Rs.15 but more than Rs. 8 for a ticket from Agra cantt to Sanjay place. Sudha also remembers that she has paid an amount less than Rs.13 but more than Rs.10 for the same distance. The amount paid is not an even number. Find the price of the ticket?

- A. Rs. 12
- B. Rs. 11
- C. Either A or B
- D. Can't be determined

7. Simla is colder than only Ooty. Mussoorie is colder than Mount Abu but not as cold as Nainital. Darjeeling is colder than Simla but not the coldest. Which among the following is the second coldest?

- A. Nainital
- B. Darjeeling
- C. Mussoorie
- D. Can't be determined

8. In a school, final selection list of the class 12th students who opted for extracurricular activities was posted in the corridor. In the list Vikas was ranked 18th from the top and 36th from the bottom among those who got selected. 12 students did not opt for any extracurricular activity and 7 were disqualified from it. How many students were there in the class?

- A. 61
- B. 72
- C. 57
- D. 88

Six persons – Sumer, Anant, Parth, Rajat, Karan and Gaurav, played in a cricket match and scored different number of runs. Sumer scored more runs than only Parth and Gaurav. Anant scored less runs than Karan, who was not highest scorer. The Second highest person scored 78 runs.

9. What of the following are the possible runs scored by Rajat?

- A. 88
- B. 76
- C. 55
- D. 78

10. How many person(s) scored more runs than Parth?

- A. One
- B. Two
- C. Three
- D. More than Three

Five persons – Ankit, Sumit, Dinesh, Nitin and Kapil, each having a different height such that Ankit is taller than Nitin and Kapil. Dinesh is shorter than only Sumit. Nitin is taller than Kapil.

11. Who among the following is third tallest?

- A. Dinesh
- B. Ankit
- C. Sumit
- D. Kapil

12. If the height of Nitin is 154 cm then what could be the height of Kapil?

- A. 150cm
- B. 156cm
- C. 172cm
- D. 164cm

13. In a row of some children facing north, Raju sits 15th from the left and Damu sits 9th from the left. Ramu who sits exactly between Raju and Damu, is 10th from the right. then how many children are there in the row?

- A. 18
- B. 20
- C. 21
- D. 23

14. What will be the difference between the third last digit and fourth digit from the left end of the number '947823165' after arranging all its digits in ascending order?

- A. 4
- B. 5
- C. 3
- D. 7

15. There are 25 students in a class and all of them are sitting in a row to do yoga. Meena is 11th from the top and Sneha is 6th from the bottom. Two students are sitting between Ananya and Reena. What is the position of Reena from the top.

- A. 12th
- B. 13th
- C. 16th
- D. Can't be determined

16. Five persons – P, Q, R, S and T scored different marks in an examination. If Q scored more marks than S and T only while R does not score the highest marks then who among the following has the second highest marks?

- A. P
- B. Q
- C. R
- D. S

Directions: Study the following information carefully and answer the questions given below:

Seven persons – Kajal, Bhagat, Mandeep, Kiran, Rinku, Pranav, and Shreya have different height and weight such that the tallest one is not the heaviest one.

Kiran is taller than Kajal but not heavier than Shreya. Bhagat is heavier than Rinku but not as much tall as Mandeep. Pranav is heavier than Bhagat and Rinku but shorter than Mandeep and Bhagat. Kiran is not taller than Pranav. Shreya is not taller than Kajal and also not heavier than Rinku. Kajal is not lighter than Mandeep who is heavier than Bhagat. Mandeep is shorter than only one person. Pranav is not the second heaviest and is lighter than Mandeep.

17. Who among the following is the second lightest?

- A. Pranav
- B. Rinku
- C. Kajal
- D. Shreya

18. How many person(s) are heavier than the one who is second shortest?

- A. None
- B. One
- C. Two
- D. Three

19. Who among the following is the heaviest?

- A. Shreya
- B. Mandeep

- C. Kajal
- D. Pranav

20. Which of the following statements is/are true?

- A. Kiran is heaviest
- B. Shreya is shortest
- C. Bhagat is third heaviest
- D. All are true

Answers:

1. C

Solution:

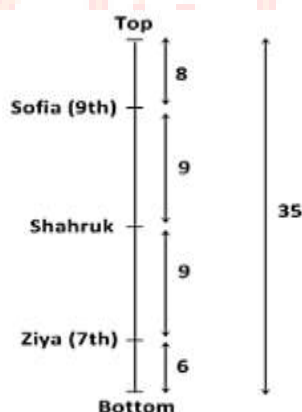


Therefore, total number of students $6 + 27 = 34$.

2. A

Solution: As seen in the figure, Shahruk is between Sofia and Ziya. It's given that Ziya is 7th from the bottom and Sofia is 9th from the top.

Therefore, number of persons between Sofia and Ziya $35 - (9 + 7) = 19$

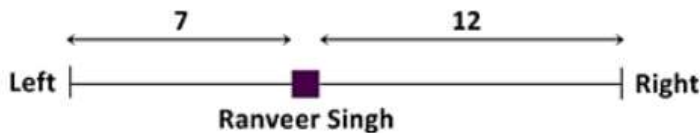


Sharuk's position between Sofia and Ziya = $(19+1) / 2 = 10$

Hence, Shahruk is at the middle ie. at 10th position from both. Ziya, therefore, is at the 10th position from Shahruk.

3. B

Solution: As seen in the figure, there are 7 boys to the left of Ranveer Singh and 12 boys to the right of him.



Total number of boys in the line = $7 + \text{Ranveer Singh} + 12 = 20$

Hence, number of boys to be added = $30 - 20 = 10$

4. C

Solution: The given number:

2 4 5 1 4 7 9 6 3 8

After arranging the first half and the second half of the digits of given number in ascending order, we get new number as:

1 2 4 4 5 3 6 7 8 9

Now,

2	4	5	1	4	7	9	6	3	8
1	2	4	4	5	3	6	7	8	9

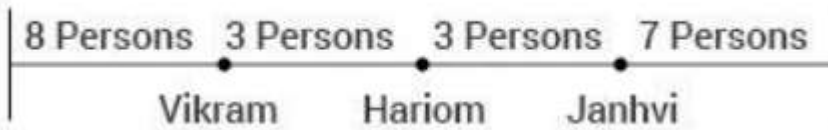
Comparing both the numbers, we can say that there is no number whose position remains unchanged.

5. D

Solution: Here, we know that Vikram was ninth from the left while Hariom was thirteenth from the left. So, we can say that there were 3 persons between Vikram and Hariom.

And, we also know that Hariom was exactly in the middle of Vikram and Janhvi so the number of persons between Hariom and Janhvi will also be 3.

At this point, using the given information we can create a following figure:



Now, total number of people in the queue = $(8 + \text{Vikram} + 3 + \text{Hariom} + 3 + \text{Janhvi} + 7)$
 $= (8 + 1 + 3 + 1 + 3 + 1 + 7) = 24$

Thus, the total number of people in the queue was 24.

6. B

Solution: As per Riya the amount paid must be between Rs. 9 and Rs. 14, since it can't be an even number so the possible amounts are- 9, 11 and 13.

As per Sudha the amount paid could be Rs. 11 or Rs. 12, but since it can't be an even number so the amount paid for the ticket is Rs. 11.

So, the ticket is priced at Rs. 11.

7. D

Solution: Reference:

Simla is colder than only Ooty.

Mussoorie is colder than Mount Abu but not as cold as Nainital.

Darjeeling is colder than Simla but not the coldest.

Inference:

From the above hints, following three cases can be drawn.

Case 1: When Mussoorie is second coldest and Darjeeling is not colder than Mount Abu.

Coldest to Hottest (→)	Nainital	Mussoorie	Mount Abu	Darjeeling	Simla	Ooty
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Case 2: When Mussoorie is second coldest and Darjeeling is colder than Mount Abu.

Coldest to Hottest (→)	Nainital	Mussoorie	Darjeeling	Mount Abu	Simla	Ooty
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Case 3: When Darjeeling is second coldest and is colder than Mussoorie.

Coldest to Hottest (→)	Nainital	Darjeeling	Mussoorie	Mount Abu	Simla	Ooty
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Thus the second coldest city is different for different cases. Hence it cannot be determined.

8. B

Solution: Total number of students who got selected = (Vikas's rank from the top + Vikas's rank from the bottom) - 1 = $18 + 36 - 1 = 53$

Hence, total number of students who were in class 12th = $53 + 12 + 7 = 72$

Score	Person	Runs
Highest	Rajat	
↓	Karan	78
	Anant	
	Sumer	
	Parth/Gaurav	
Lowest	Gaurav/Parth	

9. A

Solution: Following the final solution we can say that 88 are the possible runs scored by Rajat.

10. D

Solution: Following the final solution we can say that either 4 or 5 persons scored more runs than Parth.

Reference:

Ankit is taller than Nitin and Kapil.

Nitin is taller than Kapil.

Inference:

After using the above hints, we have:

Order of Height:

Ankit > Nitin > Kapil

Reference:

Dinesh is shorter than only Sumit.

Inference:

After using the above hints, we have:

Order of Height:

Sumit > Dinesh > Ankit > Nitin > Kapil

11. B

Solution: Following the final solution, we can say that Ankit is third tallest.

12. A

Solution: Following the final solution, we can say that if the height of Nitin is 154 cm then the height of Kapil can be 150 cm.

13. C

Solution: We have,

Raju sits 15th from the left and Damu sits 9th from the left.

Order of persons in the row = 8 persons + Damu + 5 persons + Raju

Also, Ramu who sits exactly between Raju and Damu, is 10th from the right.

Order of persons in the row = 8 persons + Damu + 2 persons + Ramu + 2 persons + Raju + 6 persons

Total persons in the row = 8 persons + 1 + 2 persons + 1 + 2 persons + 1 + 6 persons

\therefore Total persons in the row = 21 persons

14. C

Solution: The given number: 947823165

After arranging all the digits of the given number in ascending order, we have:

123456789

The third last digit = 7

The fourth digit from the left end = 4

The difference between the third last digit and fourth digit from the left end = $7 - 4 = 3$

15. D

Solution: From the above information, we cannot be sure about the position of Reena, as we don't have enough information about the position of Ananya and Reena.

16. C

Solution: Using the below hints we get the following information:

Q scored more marks than S and T.

Number of marks
$Q > T/S > S/T$

And,

R does not score the highest marks.

Now, we can merge the above information as:

Number of marks
$P > R > Q > T/S > S/T$

Here, we can say that R scored 2nd highest marks.


17. D

18. A

19. C

20. B

Solution:

Order	Height	Weight
Highest	Rinku	Kajal
	Mandeep	Mandeep
	Bhagat	Pranav
	Pranav	Bhagat
	Kiran	Rinku
	Kajal	Shreya
Lowest	Shreya	Kiran

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