



SmartKeeda

The Question Bank

Presents

TestZone

India's least priced Test Series platform

JOIN

12 Month Plan

2017-18 All Test Series

@ Just

₹ 399/-

300+ Full Length Tests

- Brilliant Test Analysis
- Excellent Content
- Unmatched Explanations

JOIN NOW

Number & Ranking Test Questions for LIC AAO, SBI PO Pre, IBPS PO Pre, IBPS SO Pre, IBPS Clerk Mains, SBI Clerk Mains and RRB Scale I Pre Exams.

No. n Ranking Test Quiz 6

Directions : Read the following questions carefully and choose the right answer.

1. 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 E. None of these

2. What will be the addition of the third digit from the right end and the fourth digit from the left end of the number '768395241' after arranging all its digits in descending order?

- A. 8 B. 12 C. 17 D. 15 E. None of these

3. In a class, there are 36 very tall boys. If these constitute three-fourths of the boys and the total number of boys is two-thirds of the total number of students in the class, what is the total number of girls in the class?

- A. 36 B. 72 C. 24 D. 48 E. None of these

4. 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 E. None of these

5. How many such pairs of Numbers are there in the 5947680213, each of which has as many numbers between them in the number, as they have in the numeric series?

- A. Four B. Five C. More than five D. None E. None of these

6. In row of 35 people facing the North, R is 10th from the right end and there are 10 people between R and P. What is P's position from the left end of the row?

- A. 15th B. 13th C. 17th D. 19th E. None of these

7. A certain number of persons are sitting in a row such that Rajat is 11th from the right end of the row, and there 10 persons between Rajat and Manoj. Shobit is exactly between Manoj and Heera, who is 15th from the left end of the row. How many persons are there in the row?

- A. 35 B. 38 C. 42 D. 45 E. Can't be determined

8. 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 E. T

9. Pankaj shifted 7 places towards his right to occupy the middle position in the row. If there were 33 persons in the row then what was the original position of Pankaj from the right end of the row?

- A. 10th B. 17th C. 20th D. 24th E. Can't be determined

10. How many such pair(s) of digits are there in the number '48240866' which have as many digits between them as in the numerical series?

- A. Four B. Two C. Five D. Three E. More than five

Correct Answers:

1	2	3	4	5	6	7	8	9	10
C	E	C	D	C	A	E	C	D	C

Explanations:

1. 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 = $7 - 4 = 3$

Hence, the correct answer is option C.

2. The given number:

768395241

After arranging all its digits in descending order, we get:

987654321

Now,

The third digit from the right end = 3

The fourth digit from the left end = 6

Now,

Addition of the third digit from the right end and the fourth digit from the left end = $3 + 6 = 9$

Hence, the correct answer is option E.

3. Given number of tall boys = 36

Let the number of boys be x ,

Now, according to the question,

$$3x/4 = 36$$

$$X = (36 \times 4)/3 = 48$$

$$\text{Total number of students} = (48 \times 3)/2 = 72$$

$$\text{Now, the total number of girls} = 72 - 48 = 24$$

Hence, the correct answer is option C.

4. 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.

Hence, the correct answer is option D.

5. The given number:

5	9	4	7	6	8	0	2	1	3
---	---	---	---	---	---	---	---	---	---

Possible pairs:

4	7	6
---	---	---

2	1
---	---

0	2	1	3
---	---	---	---

4	7	6	8	0
---	---	---	---	---

7	6
---	---

9	4	7	6
---	---	---	---

And,

9	4	7
---	---	---

Hence, we can say that there are six such pairs are possible, each of which has as many Numbers between them in the number, as they have in the numeric series.

Hence, the correct answer is option C.

6. R's position from the right end = 10^{th}

It is given that there are 10 people between R and P, therefore, P cannot be at right side of R, as there are only 9 people at the right side of R. So P will at the left side of R.

Now, P's position from right end = R's position from the right end + 10 + 1 = $10 + 10 + 1 = 21^{\text{st}}$ from the right end.

Now, we can find P's position from the left end as:

P's position from the left end = Total number of people – P's position from the right end – 1 = $35 - 21 - 1 = 15^{\text{th}}$

Hence, the correct answer is option A.

7. We have,

Rajat is 11th from the right end of the row, and there 10 persons between Rajat and Manoj. Shobit is exactly between Manoj and Heera, who is 15th from the left end of the row.

After using the above information, we have,

Order of persons in the row = (14 persons + Heera + x persons + Shobit + x persons + Manoj + 10 persons + Rajat + 10 persons)

Here, we have no information about the total number of persons between Manoj and Heera.

Hence, the correct answer is option E.

8. 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.

Hence, the correct answer is option C.

9. The middle position in the row of 33 persons from either end is 17th.

Thus, the position of Pankaj from left end after shifting 7 places to the right is 17th.

So the original position of Pankaj from the left end = $17 - 7 = 10$.

This means the original position of Pankaj from the left end was 10th.

Thus the original position of Pankaj from the right end = $(33 - 10) + 1 = 24$ th.

Hence the correct answer is option D.

10. We have,

4	8	2	4	0	8	6	6
---	---	---	---	---	---	---	---

Possible pairs of digits in the above number which have as many digits between them as in the numerical series:

Pair 1:

Digits in the number	4	8	2
Digits in the numerical series	4	3	2

Pair 2:

Digits in the number	4	8	2	4	0
Digits in the numerical series	4	3	2	1	0

Pair 3:

Digits in the number	2	4	0
Digits in the numerical series	2	1	0

Pair 4:

Digits in the number	2	4	0	8	6
Digits in the numerical series	2	3	4	5	6

Pair 5:

Digits in the number	8	6	6
Digits in the numerical series	8	7	6

Here, we can observe that there are only five such possible pairs of digits which satisfy the above conditions.

Hence, the correct answer is option C.



SmartKeeda
The Question Bank

प्रस्तुत करते हैं

TestZone

भारत की सबसे क्फायती टेस्ट सीरीज़

अभी
जुड़ें

12 Month Plan

2017-18 All Test Series

@ Just

₹ 399/-

300+ फुल लेन्थ टेस्ट

- श्रेष्ठ विश्लेषण
- उत्कृष्ट विषय सामग्री
- बेजोड़ व्याख्या

अभी जुड़ें