

Ranking , Alphabet Test Part II

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Practice Problems with Solution

Question1: The positions of how many digits in the number 5314687 will remain unchanged after the digits are rearranged in ascending order within the number?

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

Question 2: The position of how many digits in the number 837912 will remain unchanged after the digits within the number are rearranged in descending order (from left to right)?

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

Question 3: Consider five people A,B,C, D and E, each having different age. A is younger than only B. C is older than D. D is not the youngest. Who amongst the following are older than C?

- A: A and B
- B: E, B and A
- C: A and E
- D: E and B

Question 4: How many digits position will remain same in the number 5231698, each of which is far away from the beginning of the number as when the digits are rearranged in ascending order?

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

Question 5: How many digits position will remain same in the number 6315784, each of which has as many digits between them in the number as when the digits are rearranged in descending order?

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

Question 6: How many digits position will remain same in the number 9431658, each of which has as many digits between them in the number as when the digits are rearranged in ascending order?

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

Question 7: If in each number, first and the last digit are interchanged, which one of the following will be the third highest number?

- A: 972
- B: 682
- C: 189
- D: 298
- E: 751

Question 8: If in each number, all the three digits are arranged in descending order, which of the following will be the third highest number?

- A: 972
- B: 682
- C: 189
- D: 298
- E: 751

Question 9: If in each number, second and third digit are interchanged, what will be the sum of first digit of the smallest number and last digit of highest number?

- A: 7
- B: 6
- C: 9
- D: 8

Question 10: Raja walks slower than Raghu and Raghu walks as fast as Guru and Krishna walks faster than Guru. Who walks the fastest?

- A: Raghu
- B: Raja
- C: Krishna
- D: Both Raghu and Guru

Answers and Solutions

1:- C

Solution:

5	3	1	4	6	8	7
1	3	4	5	6	7	8

Hence, two digits 3 and 6 will remain unchanged in their positions.

2:- B

Solution: Given number - 8 3 7 9 1 2

Descending order - 9 8 7 3 2 1

Hence, only one number 7, digit position will remain unchanged.

3:- A

Solution: Arrange the people according to their age,

$B > A > C > D > E$

So, we can say that A and B are older than C.

4:- D

Solution:

5	2	3	1	6	9	8
1	2	3	5	6	8	9

Hence, the position of three numbers 2, 3 and 6 will remain same.

5:- B

Solution:

6	3	1	5	7	8	4
8	7	6	5	4	3	1

Hence, only number 5 digit position will remain same.

6:- B

Solution:

9	4	3	1	6	5	8
1	3	4	5	6	8	9

Hence, only number 6 digit position will remain same.

7:- B

Solution: Series after interchanging first and last digit,

279	286	981	892	157
4	3	1	2	5

8:- A

Solution:

Series after rearranging in descending order,

972	862	981	982	751
3	4	2	1	5

9:- D

Solution: After interchanging,

927	628	198	289	715
Sum				

Sum of first digit of the smallest number (198) and last digit of highest number (927) = $1 + 7 = 8$.

10:- C

Solution: Arrangement in descending order,

Krishna > Guru > Raghu > Raja.

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