Alpha Numeric Symbol Series Questions for SBI Clerk Pre, IBPS Clerk Pre, LIC Assistant Pre and IBPS RRB Assistant Pre Exams.

Alpha Numeric Symbol Series Set 47

Directions: The following questions are based on the three digit numbers given below:

253   883   535   738   467

1.   If all the digits in each of the numbers are arranged in ascending order within the number, which of the following will be the lowest number in the new arrangement of the numbers?

A. 253   B. 535   C. 738   D. 467   E. None of these

2.   What will be the resultant if the first digit of the second lowest number divides the second digit of the highest number?

A. 2   B. 4   C. 3   D. 1   E. None of these

3.   The positions of the second and the third digit of each of the numbers are interchanged. What will be the resultant if the third digit of lowest number thus formed is added to the second digit of the second highest number thus formed?

A. 15   B. 11   C. 13   D. 9   E. None of these

4.   If 2 is added to the first digit of every even number and 3 is subtracted from the third digit of every odd number, then in how many numbers will a digit appear twice?

A. Only one   B. Two   C. Three   D. None   E. None of these

5.   What will be the resultant if the third digit of lowest number and the first digit of second lowest number are multiplied?

A. 10   B. 14   C. 16   D. 12   E. None of these

Correct Answers:

1	2	3	4	5
A	A	C	B	D

Explanations :

1. **The given numbers:**

253   883   535   738   467

Arranging all the digits in each of the numbers are arranged in ascending order within the number, we have:

235   388   355   378   467

Hence, 253 becomes the lowest number.

Hence, the correct answer is option A.

2. **The given numbers:**

253   883   535   738   467

Putting all the number in ascending order, we have:

253   467   535   738   883

The first digit of the second lowest number = 4

The second digit of the highest number = 8

The resultant = 8/4 = 2

Hence, the correct answer is option A.

3. **The given numbers:**

253   883   535   738   467

After arranging the given numbers as per the question, we have:

235   838   553   783   476

Now, arranging the numbers in ascending order, we have:

235   476   553   783   838

Now, the third digit of lowest number = 5

The second digit of the second highest = 8

The resultant = 5 + 8 = 13

Hence, the correct answer is option C.

4. **The given numbers:**

253   883   535   738   467

As per the question, we would have new numbers as:

253 → 250
883 → **880**
535 → 532
738 → 938
467 → **464**

Here, we can easily see that there are two such numbers in which a digit appear twice. Hence, the numbers are 880 and 464

Hence, the correct answer is option B.

5. **The given numbers:**

253   883   535   738   467

Arranging the given number in the ascending order, we have:

253   467   535   738   883

The third digit of lowest number = 3

The first digit of second lowest number = 4

Now, we can multiply 3 and 4, as per the question and we have:

3 × 4 = 12

Hence, the correct answer is option D.