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# 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 44

Directions: Following questions are based on the five three-digit numbers given below:

284    312    437    585    696

1. If 2 is added to the first digit of each of the numbers how many numbers thus formed will be divisible by three?

A. None                      B. One                      C. Two                      D. Three                      E. None of these

2. If all the digits in each of the numbers are arranged in descending order within the number, which of the following will be the highest number in the new arrangement of numbers?

A. 284                      B. 312                      C. 437                      D. 585                      E. 696

3. What will be the resultant number if the second digit of the second lowest number is divided by the third digit of the highest number?

A.  $\frac{1}{2}$                       B.  $\frac{1}{3}$                       C.  $\frac{1}{6}$                       D. 1                      E.  $\frac{1}{4}$

4. If 1 is added to the first digit and 2 is added to the last digit of each of the numbers then which of the following numbers will be the second highest number?

A. 284                      B. 312                      C. 437                      D. 585                      E. 696

5. If in each number the first and the second digits are interchanged then which will be the highest number?

A. 696                      B. 585                      C. 437                      D. 312                      E. 284

Correct Answers:

1	2	3	4	5
A	E	C	D	A

## Explanations :

**1. The given sequence:** 284 312 437 585 696

**The sequence if 2 is added:** 484 512 637 785 896

**The sum of numbers:** 16 , 8 , 16, 20, 23

**None of the sum is divisible by 3.**

Hence, Option A is correct.

**2. The given sequence:** 284 312 437 585 696

**The numbers are arranged in descending order with in the number:** 842 , 321 743 855 966

The highest number will be 966.

Hence, Option E is correct.

**3. The given sequence:** 284 312 437 585 696

**The numbers are arranged in ascending order:** 284 312 437 585 696

**2<sup>nd</sup> digit of 2<sup>nd</sup> lowest number:** 1

**3<sup>rd</sup> digit of highest number:** 6

Required ratio : 1/6

Hence, Option C is correct.

**4. The given sequence:** 284 312 437 585 696

**If 1 is added to the first digit and 2 is added to the last digit :** 386 414 539 687 798

**2<sup>nd</sup> highest number:** 687

Hence, Option D is correct.

**5. The given sequence:** 284 312 437 585 696

**In each number the first and the second digits are interchanged then:** 824 132 347 855 966

**Highest number will be:** 966

Hence, Option A is correct.



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