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# Alpha Numeric Symbol Series Questions for IBPS Clerk Pre, LIC Asst., SBI Clerk Pre and RRB Scale I Pre Exams.

## Alpha Numeric Symbol Series Set 16

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

519 368 437 246 175

**1.** Which of the following is the sum of the middle digits of the highest and the lowest numbers?

- A. 6                      B. 9                      C. 8                      D. 5                      E. None of these

**2.** Which of the following is the third digit of the second highest number in the given sequence?

- A. 9                      B. 8                      C. 6                      D. 7                      E. None of these

**3.** If in the given sequence the second digit of the first, third and fifth numbers is decreased by 1 and the third digit of the second and fourth numbers is increased by 1, what will be the product of digits of second highest number and lowest number?

- A. 1566                      B. 1080                      C. 1680                      D. 1456                      E. None of these

**4.** If first and last digit of each number is replaced by 6 and 4 respectively, which of the following will middle digit of second highest number?

- A. 1                      B. 6                      C. 4                      D. 7                      E. None of these

**5.** If the position of first digit and second digit are interchanged, what will be the sum of digits of highest number?

- A. 13                      B. 14                      C. 15                      D. 16                      E. None of these

**Correct Answers:**

1	2	3	4	5
C	D	C	B	A

## Explanations:

**1.** 519 368 437 246 175  
The given sequence in ascending order:  
175 246 368 437 519  
**Highest number** = 519  
**Lowest number** = 175  
Now,  
**The sum of the middle digits of the highest and the lowest numbers** =  $1 + 7 = 8$   
Hence, the correct answer is option C.

**2.** 519 368 437 246 175  
The given sequence in ascending order:  
175 246 368 437 519  
**Second highest number** = 437  
Third digit of second highest number = 7  
Hence, the correct answer is option D.

**3.** **The given sequence:** 519 368 437 246 175  
**The new sequence:** 509 369 427 247 165  
**Sequence in ascending order:** 165 247 369 427 509  
Lowest number: 165  
Second highest number: 427  
**The product of digits of second highest number and lowest number:**  $1 \times 6 \times 5 \times 4 \times 2 \times 7 = 1680$   
Hence, option C is correct.

**4.** **The given sequence:** 519 368 437 246 175  
**The new sequence:** 614 634 644 664 674  
**Sequence in ascending order:** 614 634 644 664 674  
**Second highest number:** 664  
**The middle number:** 6  
Hence, the correct answer is option B.

**5.** **The given sequence:** 519 368 437 246 175  
**The new sequence:** 159 638 347 426 715  
**Sequence in ascending order:** 159 638 347 426 715  
**Highest number:** 715  
**The sum of digits of highest number:**  $7 + 1 + 5 = 13$   
Hence, the correct answer is option A.



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