

## 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:

## $\begin{array}{lllll}519 & 368 & 437 & 246 & 175\end{array}$

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:

| $\mathbf{1}$ | $\mathbf{2}$ | $\mathbf{3}$ | $\mathbf{4}$ | $\mathbf{5}$ |
| :--- | :--- | :--- | :--- | :--- |
| C | D | C | B | A |

## Explanations:

1. $\quad 519 \quad 368 \quad 437 \quad 246 \quad 175$

The given sequence in ascending order:
$\begin{array}{lllll}175 & 246 & 368 & 437 & 519\end{array}$
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. $\quad 5 \quad 519 \quad 368 \quad 437 \quad 246 \quad 175$

The given sequence in ascending order:
$\begin{array}{lllll}175 & 246 & 368 & 437 & 519\end{array}$
Second highest number $=437$
Third digit of second highest number $=7$
Hence, the correct answer is option D.
3. The given sequence: $\begin{array}{llllll}519 & 368 & 437 & 246 & 175\end{array}$

The new sequence: $\begin{array}{llllll}509 & 369 & 427 & 247 & 165\end{array}$
Sequence in ascending order: $\begin{array}{lllll}165 & 247 & 369 & 427 & 509\end{array}$
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: $\begin{array}{llllll}519 & 368 & 437 & 246 & 175\end{array}$

The new sequence: $614 \quad 634 \quad 644 \quad 664 \quad 674$
Sequence in ascending order: $614 \quad 634644 \quad 664 \quad 674$
Second highest number: 664
The middle number: 6
Hence, the correct answer is option B.
5. The given sequence: $\begin{array}{llllll}519 & 368 & 437 & 246 & 175\end{array}$

The new sequence: $159 \quad 638 \quad 347 \quad 426 \quad 715$
Sequence in ascending order: $159638 \quad 347 \quad 426 \quad 715$
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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