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# Alpha Numeric Symbol Series Questions for SBI PO Pre, IBPS RRB Scale I Pre, IBPS PO Pre, Syndicate Bank PO, Canara Bank PO, IBPS SO Pre, SBI Clerk Mains and IBPS Clerk Mains Exams.

## Alpha Numeric Symbol Series Set 28

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

785 243 634 397 572

1. After arranging all the digits in increasing order (within the number) what is the sum of third digit of the highest number and first digit of the lowest number so formed?  
A. 12                      B. 8                      C. 10                      D. 9                      E. None of these
2. If 1 is added to each even digit and 1 is subtracted from each odd digit and then how many numbers so formed will be fully divisible by 2?  
A. 1                      B. 2                      C. 3                      D. 4                      E. 5
3. Which of the following numbers will be placed exactly in the middle of the series when all the numbers are changed to product of their digits and then arranged in ascending order from left to right?  
A. 785                      B. 243                      C. 634                      D. 397                      E. 572
4. What will be the resultant when third digit of third highest number is subtracted from the first digit of second highest number?  
A. 4                      B. 1                      C. 3                      D. 6                      E. 2
5. If all the prime digits are increased by 1 and all the composite digits are decreased by 1, then which of the following digits appear maximum times in the new sequence so formed?  
A. 3                      B. 4                      C. 8                      D. Both A and C                      E. All of these

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## Correct Answers:

1	2	3	4	5
C	C	C	A	D

## Explanations :

1. Series given : 785 243 634 397 572

New series : 578 234 346 379 257

The lowest number is 234, whose first digit is 2.

The highest number is 578, whose third digit is 8.

Required sum = 10.

Hence option C is correct.

2. Series given : 785 243 634 397 572

New series : 694 352 725 286 463

Clearly only 3 numbers are fully divisible by 2.

Hence option C is correct.

3. Series given : 785 243 634 397 572

Changed series: 280 24 72 189 70

New series : 24 70 72 189 280

Clearly 72 is written exactly in the middle of the series, which represents 634.

Hence option C is correct.

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4. Series given : 785 243 634 397 572

Third highest number is 572 and its third digit is 2.

Second highest number is 634 and its first digit is 6.

Required difference = 4

Hence option A is correct.

5. Series given : 785 243 634 397 572

New Series : 876 334 543 488 683

Clearly 8 and 3 both are seen four times which is maximum.

Hence option D is correct.



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