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

Alpha Numeric Symbol Series Set 22

Directions: Study the following numbers carefully and answer the questions given beside:

867 495 736 592 619

1. If all the odd numbers in the sequence are written in a reverse order and then placed in descending order, which of the following numbers will be the second from the right end of the sequence?

A. 592	B. 594	C. 916	D. 768	E. None of these

**2.** If 1 is subtracted from each odd digit of each of the numbers first and then each perfect square digit is changed into 5, what is the sum of the least and the greatest number in the sequence thus obtained?

A. 1346	B. 1398	C. 1338	D. 1448	E. None of these

3. If all the digits are to be arranged in increasing order from left to right within the number then what will be the difference between the highest number and the lowest number thus obtained?

A. 478	B. 487	C. 495	D. 509	E. 513

4. Which of the following values will be obtained if the highest digit of the lowest number is added to the sum of the highest and lowest digits of the highest number?

A. 20	B. 22	C. 23	D. 26	E. 24

5. If the position of first and second digit of each number are to be interchanged within the number then what would be the sum of the highest and second highest number thus obtained?

A. 1560 B. 1588 C. 1662 D. 1897 E.	1704
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Corre	ect Answers:	1	2	3	4	5			
		В	D	D	С	D			
Expl	anations:								
1.	The given sequence: 867 495 736 592	619							
	Writing all the odd numbe 768 594 736 592	ers in a re 916	everse or	der, we g	et				
	The final sequence of nun 916 768 736 594	nbers in c 592	lescendir	ng order:					
	Hence, the second numbe	er from th	ne right e	nd will be	e: <b>594</b>				
	Option B is hence the corr	rect answ	ver.						
2.	The given sequence: 867 495 736 592	619							
	Subtracting 1 from each e 866 484 626 482	ven digit 608	of each d	of the nur	nbers:				
	Changing every perfect so 866 585 626 582	luare digi 608	t into 5, v	we get:					
	The sum of the least and t 582 + 866 = 1448	the great	est numb	er:					
	Hence, the correct answe	r is optio	n D.						
3.	The given sequence: 867 495 736 592	619							
	Arranging all the digits in 678 459 367 259	increasin 169	g order fr	rom left t	o right w	ithin the	number, w	e get:	
	Highest number = 678 Lowest number = 169								
	Required Difference = 678	8 – 169 =	509						
	Hence, the correct answe	r is optio	n D.						

4.	The given sequence: 867 495 736 592 619
	Here, the lowest number = 4 <b>9</b> 5 and the highest digit in it is 9. And, the highest number = <b>867</b> in which the highest and lowest digits are 8 and 6 respectively.
	Required Sum = 9 + 8 + 6 = 23
	Hence, the correct answer is option C.
5.	The given sequence: 867 495 736 592 619
	Interchanging the position of first and second digit of each number, we get: 687 945 376 952 169
	Highest number = 952 Second highest number = 945 Required Sum = 952 + 945 = 1897
	Hence, the correct answer is option D.
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