Knowing our Numbers

Test

Time – 45 minutes **Maximum Marks - 20**

Important Instructions

- This test contains 20 questions.
- Each questions has FOUR options (1), (2), (3) and (4). ONLY ONE of these four options is correct.
- For each question, marks will be awarded in one of the following categories.

Full Mark : +1 : If only correct answer is given.
Zero Mark : 0 : If no answer is given.
Negative Marks : There is no negative marking.

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1. Identify the greatest number 5723, 5727, 5722, 5728.
(1) 5728 (2) 5727 (3) 5723 (4) 5722

2. One lakh is similar to _____ .
(1) 100 thousand (2) 1000 thousand (3) 10 hundred (4) 100 hundred

3. Addition of greatest and smallest numbers formed from the digits 7, 8, 3 and 9 is
(1) 13112 (2) 13662 (3) 13442 (4) 13552

4. The Hindu - Arabic numeral for MDXCVI is ____ .
(1) 1996 (2) 2996 (3) 1296 (4) 1596

5. When 1 is subtracted from the smallest four digit number we get _____ .
(1) Smallest 3-digit number (2) Greatest 3-digit number
(3) Smallest 4-digit number (4) Greatest 4-digit number

6. The numerical value of seven million eight hundred forty six thousand two hundred forty five is _____.
(1) 7,864,425 (2) 7,846,425 (3) 7,864,245 (4) 7,846,245

7. The difference between the number 95,786 and the number obtained by reversing its digits is
(1) 28,028 (2) 27,027 (3) 25,025 (4) None Of These

8. Which of the following is meaning less?
(1) XIII (2) XIX (3) XVV (4) XL

9. Multiplication of face value and place value of 7 in 547985 is
(1) 49000 (2) 490 (3) 4900 (4) 49

10. Find the sum of the largest 4-digit number and the smallest 5-digit number.
(1) 19,000 (2) 8,999 (3) 19,999 (4) 99,000

11. Estimate the sum of 7,826 and 12,469 after rounding off each number to nearest hundred.
(1) 20,300 (2) 20,000 (3) 20,500 (4) 21,000

12. 10 million = _____ crore.
(1) 1 (2) 10 (3) 100 (4) 1000

13. A machine, on an average, manufactures 285 screws a day. How many screws will it produce in a month of January?
(1) 8835 (2) 8825 (3) 8845 (4) 8815

14. The digit 6 and 9 of the numbers 36,490 are interchanged. Find the difference between the original number and the new number.
(1) 2550 (2) 2650 (3) 2970 (4) 4800

15. Arrange the following numbers in ascending order: 847, 9754, 8320, 571
(1) 847, 571, 9754, 8320 (2) 9754, 8320, 847, 571
(3) 8320, 9754, 847, 571 (4) 571, 847, 8320, 9754

16. In a town there are 45,679 men, 39,842 women and 24,056 children. Find the total population of town.
(1) 1,07,577 (2) 1,08,577 (3) 1,09,577 (4) 1,06,577

17. When we compare two different 4-digit numbers, first we compare their _____ .
(1) Tens digit (2) Hundreds digit (3) Ones digit (4) Thousands digit

18. Convert 500 km 210 m 52 cm in cm and write as per Indian system of numeration.
(1) 5,02,10,052 (2) 50,02,152 (3) 5,00,21,052 (4) 50,02,10,052

19. Virat is a famous cricket player and he has scored 7,212 runs so far in cricket. If he wishes to complete 10,000 runs, how many more runs does he need ?
(1) 2,778 (2) 2,788 (3) 2,878 (4) 2,688

20. The Roman numerals of 99 is _____ .
(1) IC (2) VXXXIX (3) XICX (4) XCIX

Test Solutions

Answer Key

Question	1	2	3	4	5	6	7	8	9	10
Answer	**1**	**1**	**2**	**4**	**2**	**4**	**2**	**3**	**1**	**3**
Question	11	12	13	14	15	16	17	18	19	20
Answer	**1**	**1**	**1**	**3**	**4**	**3**	**4**	**3**	**2**	**4**

1. **Option (1)**

Greatest among the given numbers is 5728.

2. **Option (1)**

1 lakh = 1,00,000

= 100 × 1000

= 100 × Thousand

3. **Option (2)**

Greatest number formed by given digits is 9873 and smallest number formed by given digits is 3789.

So, 9873 + 3789 = 13662

4. **Option (4)**

The Hindu - Arabic numeral for MDXCVI is 1596.

5. **Option (2)**

On subtracting one from the smallest four-digit number, we get 999 which is the greatest three-digit number.

6. **Option (4)**

The numerical value of seven million eight hundred forty-six thousand two hundred forty-five is 7,846,245

7. **Option (2)**

The number obtained by reversing digits of 95786 is 68759.

So, 95786 – 68759 = 27027.

8. **Option (3)**

Because V, L, D cannot be repeated in Roman numerals.

9. **Option (1)**

Face value of 7 in 547985 is 7 whereas place value of 7 is 7000.

So, 7 × 7000 = 49000.

10. **Option (3)**

The largest four-digit number = 9999

The smallest five-digit number = 10000

Sum of the largest four digit number and the smallest five digit number = 9999 + 10000

= 19,999

11. Option (1)

Step 1: Round off 7826 and 12469 to nearest hundreds

In the number 7826, 8 is present at the hundred's place.

Moving to the next smallest place, which is ten's place, we have 2 which is less than 5.

So retain the digit at hundred's place and write 0 in ten's and one's place.

∴ 7826 rounded off to nearest hundreds = 7800

In the number 12469, 4 is present at the hundred's place.

Moving to the next smallest place, which is ten's place, we have 6 which is greater than 5.

So, we add 1 to the digit at hundred's place and write 0 in ten's and one's place.

So Digit at hundred's place = 4 + 1 = 5

∴ 12469 rounded off to nearest hundreds = 12500

Step 2: Find the sum of rounded off numbers.

Estimation of the sum to nearest hundreds = 7800 + 12500 = 20,300

12. Option (1)

As we know that 10 lakhs = 1 million.

So, 10 million = 10×10 lakh which is equal to 1 crore.

13. Option (1)

Screws manufactured in a day = 285

Number of days in January = 31

Screws produced by machine in a month of January = 285 × 31 = 8835.

14. Option (3)

Original Number = 36490

New number = 39460

Difference = New number – Original number

= 39460 – 36490

= 2970

15. Option (4)

Ascending order 571, 847, 8320, 9754

16. Option (3)

Men in a town = 45,679

Women in a town = 39,842

Children in a town = 24,056

The total population of a town = 45,679 + 39,842 + 24,056 = 1,09,577.

17. Option (4)

When we compare two different 4 – digit numbers, first we compare their Thousands digit.

18. Option (3)

500 km 210 m 52 cm

1 km = 1000 m

1 m = 100 cm

= 500 × 1000 × 100 + 210 × 100 + 52

= 50000000 + 21000 + 52

= 5,00,21,052 cm

19. Option (2)

Given

Runs to complete = 10,000

Runs scored = 7,212

Runs need to score more = 10000 – 7,212 = 2788

Therefore,

he needs 2788 more runs to achieve 10,000 runs.

20. Option (4)

The Roman numerals of 99 is XCIX