5

MENTAL MATH

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1. NUMBERS

Assignment-1

1. Write the largest 7-digit number.

   _____

2. Write the number name of 68207.

   _____

3. Which is greater : 100 millions or 100 lakhs?

   _____

4. Write the smallest number formed using the digits 9, 0, 3, 6 and 4.

   _____

5. Write the numbers between : 586253 and 586256.

   _____

6. How many five thousands are there in fifty thousands?

   _____

7. Write the greatest number formed using the digits 2, 5, 0, 7, 8 and 9.

   _____

8. Write in expanded form : 73,20,545

   _____

9. Write the number name of 8632053 in the International system.

   _____

10. Write the smallest 9-digit number.

    _____

Date : _____ Signature : _____

Assignment-2

1. Find the sum of the place values of the two 7s in 3878749.

   _____

2. Find the successor of 78,40,321.

   _____

3. Write the place value of 6 in 17,32,605.

   _____

4. Arrange in ascending order :
   3605261, 3652160, 3216056, 3665210

   _____

5. Find the predecessor of 62,33,800.

   _____

6. Write in standard form :
   30,00,000 + 60,000 + 700 + 40 + 3

   _____

7. Write the smallest number of 8-digits with digit 2 in thousands place.

   _____

8. By using 2, 3, 6, 0, 7 only write the smallest and the greatest numbers of 6-digits.
   Smallest _____ Greatest _____

9. Write the greatest number of 6-digits with digit 3 in hundreds place.

   _____

10. Write in words: 8,62,54,077

    _____

Date : _____ Signature : _____

Assignment-3

Fill in the blanks :

1. 1 crore = _____ millions.

2. _____is not the successor of any natural number.

3. The face value and the place value of zero is always _____.

4. If we add 1 to a number, we get its _____.

5. The successor of 10 millions is_____.

6. _____is the smallest 7-digit number with digits 2, 0, 5 only.

7. The sum of the place values of two 3's in 73850638 is _____.

8. The predecessor of 100000 is_____.

9. 10 lakhs = _____ million.

10. A period in a numeral is marked with a_____.

Date : _____ Signature : _____

2. ROMAN NUMERALS

Assignment-4

1. **Write in Roman numerals :**

   a) 154 _____

   b) 500 _____

   c) 52 _____

   d) 1520 _____

   e) 1673 _____

2. **Write in the Hindu-Arabic system:**

   a) CM _____

   b) CLXVI _____

   c) MCLV _____

   d) MCMLXIX _____

   e) LIV _____

Date : _____ Signature : _____

Assignment-5

1. **Complete the following :**

   a) MXXVIII = _____ + 20 + _____ = _____

   b) DCCLIX = 500 + _____ + _____ + 50 + _____ = _____

2. **Which one is greater ?**

   CCXII or CCIX _____

3. **Fill the Roman numerals in the blanks :**

   a) The successor of MC is _____.

   b) LXV + XV = _____.

   c) MCLX – DCVII = _____.

   d) The predecessor of MC is _____.

   e) The predecessor of LX is _____.

   f) The same symbol is not repeated more than _____ times together.

Date : _____ Signature : _____

3. NUMBER OPERATIONS

Assignment-6

1. What is the sum of 345638 and 214021? _____

2. Find the missing digits :

$$\begin{array}{r} 6\ 8\ \square\ 2\ 5 \\ +\ \square\ 2\ 4\ 2\ \square \\ \hline 9\ \square\ 6\ 4\ 7 \\ \hline \end{array}$$

3. Find the number 1500 more than 3864231.

_____

4. There are 586 boys and 836 girls in a school. How many student are there in the school? _____

5. Add the following :
76, 52, 465 + 17, 81, 009 + 44, 46, 124

_____

6. Add :

$$\begin{array}{r} 4\ 2\ 6\ 0\ 4\ 3\ 2\ 7 \\ +\quad 2\ 4\ 6\ 5\ 3\ 8 \\ \hline \end{array}$$

_____

7. Find the number that is 100000 more than 748698.

_____

8. A fruit merchant sold 563260, 378428 and 896043 apples on three successive days. How many apples did he sell in all the three days? _____

Date : _____ Signature : _____

Assignment-7

1. **Subtract :**

$$\begin{array}{r} 8\ 6\ 5\ 4\ 3\ 2\ 1 \\ -\ 3\ 2\ 6\ 4\ 9\ 8\ 7 \\ \hline \end{array}$$

2. **Subtract 5,44,36,001 from 8,37,39,555.**

_____

3. **Find the missing digits :**

$$\begin{array}{r} 6\ \square\ 8\ \square\ 4\ 9 \\ -\ 3\ 2\ 9\ 7\ 2\ \square \\ \hline 3\ 2\ \square\ 1\ \square\ 5 \\ \hline \end{array}$$

4. **Subtract the sum of 52,74,828 and 24,32,642 from 92,36,864.**

_____

5. **Find the difference between the greatest and the smallest 6-digit numbers.**

_____

6. **Simplify :**

24304634 + 46324381 — 14326042. _____

7. **What must be added to 59,38,462 to make it equal to 60,00,000?** _____

8. **The cost of a flat and a car together is ₹ 84,36,406. If the car costs ₹ 21,05,386, what is the cost of the flat?** _____

Date : _____ Signature : _____

Assignment-8

1. **Multiply :**

$$\begin{array}{r} 4\ 3\ 6\ 5\ 8\ 3 \\ \times\ 3\ 0\ 0 \\ \hline \end{array}$$

2. **Find the product of four thousand three hundred twenty and nine.**

_____

3. **Find the product :**

40 × 500 × 80 _____

4. **Find the product of the smallest 5-digit and the greatest 4-digit numbers.**

_____

5. **Multiply 346052 by 3000.**

_____

6. **Rohit's monthly income is ₹ 92,250. How much does he earn in a year?**

_____

7. **Multiply 83488 by 1,00,000.**

_____

8. **1 litre of milk costs ₹ 28. Find the cost of 432 litres of milk.**

_____

Date : _____ Signature : _____

Assignment-9

1. **Divide :**
   12,903 ÷ 23

   _____

2. **Find the quotient of the place values of 3 in 48326 and 5 in 66258.**

   _____

3. **What must 350 be multiplied by to get 234150?**

   _____

4. **The cost of 35 televisions is ₹8,22,500. Find the cost of 1 television.**

   _____

5. **Find the remainder :**
   98732 ÷ 100

   _____

6. **In a division sum, the divisor is 180, the quotient is 3080 and the remainder is 32. What is the dividend?**

   _____

7. **Divide the place value of 6 in 7654304 by its face value.**

   _____

8. **The cost of 76 kg sugar is ₹ 2,888. Find the cost of 1 kg sugar.**

   _____

Date : _____

Signature : _____

Assignment-10

Fill in the blanks :

1. _____ × 300 = 12000

2. 6842346 ÷ 1000 Q = _____ R = _____

3. When a non-zero number is divided by itself, the quotient is always_____.

4. 4789 × 30,000 = _____

5. The sum of 685320 and _____ is 823052.

6. 124 + 12 ÷ 3 = _____

7. Dividend – Remainder = _____ × Divisor

8. 40 × 500 × 160 = _____

9. Zero divided by any_____results zero.

10. 8000 more than 6342 is _____.

Date : _____ Signature : _____