

AMRITA VIDYALAYAM

HALF YEARLY EXAMINATION 2017 - '18

Class : IV

Marks : 50

Time : 2 hrs

MATHEMATICS

KNOWLEDGE

I. Fill in the blanks. **10**

- 1 lakh = _____ thousand in international place value system.
- Nine lakh six thousand forty is written in figures as _____.
- When we add 1 to a number, we get its _____.
- _____ - 0 = 46675.
- The answer in division is called _____.
- $5342 \times \underline{\hspace{2cm}} = 5342$.
- The product of two odd numbers is always an _____ number.
- $9428 \div \underline{\hspace{2cm}} = 1$.
- When we multiply a number by '1' the product is the _____.
- Numbers having only '1' and itself as factors are called _____ numbers.

UNDERSTANDING

II. Answer the following.

- Form the greatest and smallest 5 digits numbers using the given digits only once. 7, 3, 5, 0, 9 **2**
- $4005 + 3158 = \underline{\hspace{2cm}} + 3158$ **1**
- Write the standard numeral for 5 ten thousands + 3 tens + 8 ones. **2**
- $8433 \times \underline{\hspace{2cm}} \times 40 = 40 \times 215 \times 8433$ **1**
- Write the first 4 multiples of 4 and 5. **2**

III. Write true or false. **3**

- The number that comes just before a given number is the successor of that number.
- 5 is a prime number.

3. Every number is a multiple of 1.

IV. Match the following. 4

- | | |
|------------------------------|--------|
| 1. Smallest 6 - digit number | 72 |
| 2. Predecessor of 4000 | 14000 |
| 3. Multiple of 8 | 100000 |
| 4. 14×1000 | 3999 |

APPLICATION

- V.1. There are 25,000 seats in an indoor stadium. If on a particular day, 18,250 people come to watch a game, how many seats are vacant? 2½
2. Radhika pays ₹ 980 towards her school fee every month. Find the amount paid as fee every year? 2½
[Hint : 1 year = 12 months]

SKILL

VI.1. Mark the periods and write the following number in international place value system. Write the number also. 2

9436825

2. Add. 2

$$\begin{array}{r} 396843 \\ 63205 \\ + 41238 \\ \hline \underline{2007} \end{array}$$

3. Subtract. 2

$$\begin{array}{r} 740921 \\ - 436253 \\ \hline \end{array}$$

4. Fill in the missing digits. 4

a)
$$\begin{array}{r} 415_2 \\ + _2_43 \\ \hline \underline{7422_} \end{array}$$

b)
$$\begin{array}{r} 3_74_ \\ - 305_6 \\ \hline \underline{5_16} \end{array}$$

5. Multiply. 2

$$3652 \times 15$$

6. Divide and write the quotient and remainder. 2

$$63548 \div 4$$

7. Write all the factors of 24 and 30 and find their common factors.

3

8. Find out all the prime factors by factor tree method.

3

