

# AMRITA VIDYALAYAM

## HALF YEARLY EXAMINATION 2017 - '18

Class : V

Marks : 50

Time : 2 hrs

### MATHEMATICS

#### KNOWLEDGE

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

- 10 million = \_\_\_\_\_ crore.
- In division, we use the terms dividend, divisor, \_\_\_\_\_ and remainder.
- \_\_\_\_\_ numbers are divisible by 2.
- The largest 7 digit number is \_\_\_\_\_.
- Numbers that have only two factors are called \_\_\_\_\_.
- The place value of 0 in 45, 37, 022 is \_\_\_\_\_.
- \_\_\_\_\_  $\times$  9438 = 9438.
- The predecessor of 8,00,000 is \_\_\_\_\_.
- The numeral of five crore twelve lakh six hundred five is \_\_\_\_\_.
- The value of XCVI is \_\_\_\_\_.

#### UNDERSTANDING

**II. Choose the correct answer from the brackets.** **2**

- The mixed fraction of  $\frac{23}{4}$  is ( $5\frac{3}{4}$ ,  $4\frac{3}{5}$ ,  $5\frac{4}{3}$ )
- Which of these are prime numbers? (23, 27, 12, 9)

**III. Write true or false.** **4**

- When 0 is subtracted from a number, the difference is the number itself.
- $3,542,478 > 6,542,478$ .
- 10,00,000 is the smallest 7-digit number.
- A number is divisible by 6, if the number is divisible by both 2 and 3.

**IV. Match the following.****5**

1.  $\frac{3}{8}$ ,  $\frac{5}{8}$  decimal number
2.  $\frac{4}{5}$ ,  $\frac{10}{3}$  equivalent fraction
3.  $\frac{5}{10}$ ,  $\frac{12}{24}$  mixed fraction
4.  $\frac{3}{4}$ ,  $\frac{5}{7}$  proper fraction
5.  $5\frac{3}{4}$ ,  $2\frac{1}{7}$  unlike fraction

**V.1. Write the expanded form of.****2**

a) 7,83,565

b) 9,824,301

2. Write the first six multiples of the numbers given below and then write the LCM.

**2**

a) 2

b) 6

**APPLICATION**

**VI.1.** A factory produces 5328 buttons every day. How many buttons would be produced in the year 2017?

**2**

2. Kiran paid ₹ 5,21,675 for a new bike and a car. If the cost of the bike is ₹ 1,59,875, find the cost of the car?

**3**

**VII.1.** Write in columns and add.

**3**a)  $2657354 + 178543 + 4147650$ b)  $32190500 + 244698 + 1540089 + 111000$ 

2. Find the difference and also check with addition.

**4**a)  $275685 - 148391$ b)  $9283854 - 622402$ 

3. Divide  $41262 \div 18$ .

**2**

4. Find the HCF of 36, 48 and 84 using prime factorization method.

**2**

5. Solve.

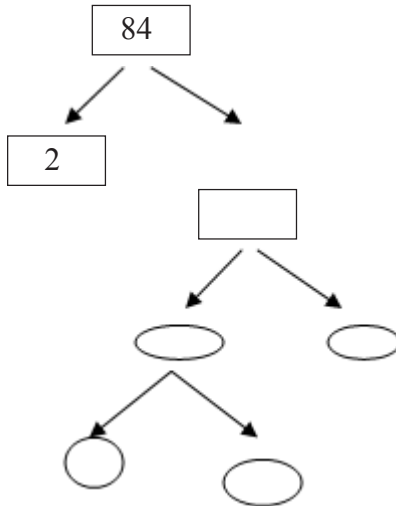
**6**a)  $\frac{3}{10} + \frac{6}{10}$ b)  $\frac{3}{4} - \frac{5}{8}$

c)  $\frac{3}{4} + \frac{4}{3} + \frac{2}{6}$

d)  $\frac{1}{4} - \frac{3}{4}$

6. Find the prime factors by using the factor tree method.

3



Prime factors = \_\_\_\_\_ × \_\_\_\_\_ × \_\_\_\_\_ × \_\_\_\_\_ = \_\_\_\_\_.