



# UNIT TEST - II

25

[ Time : 1Hour]

Class : V Vikram Lotus Mathematics

[ Max. Marks : 25]

Name :

Class :

Section :

Roll No :

Syllabus :

Lotus Term Book : Term -1 (Units 3 - 5)

Text Book : Units 3 - 5

## Summative Assessment

I. Solve the following word problems.

(2 x 2 = 4M)

- 1) Two light houses flash their lights every 20s and 30s respectively. Given that they flashed together at 7.00 p.m. When will they next flash together ?

Sol.

- 2) In a math test  $\frac{5}{6}$  of the 30 students got all problems correct. How many students had made mistakes in the test ?

Sol.

II. The H.C.F of two numbers is 14 and their product is 8400. What is the L.C.M. of the two numbers ?

(2M)

Sol.

**III. Write the first five multiples of the following numbers.**

**(2 x 1 = 2M)**

1) 12 – \_\_\_\_\_

2) 15 – \_\_\_\_\_

**IV. Write the Roman numerals of the following.**

**(3 x 1 = 3M)**

1)  $135 + 270 =$  \_\_\_\_\_

2)  $70 + 50 =$  \_\_\_\_\_

3)  $1840 - 435 =$  \_\_\_\_\_

**Formative Assessment**

**I. Match the Hindu-Arabic numeral to the correct Roman numeral.**

**(5M)**

1) 13

a) XIII

2) 750

b) MCMXXVII

3) 215

c) DCCL

4) 1927

d) MMDCCLX

5) 2760

e) CCXV

**II. Fill in the blanks using the properties of multiplication.**

**(4 x  $\frac{1}{2}$  = 2M)**

1)  $\frac{2}{3} \times \underline{\hspace{2cm}} = \frac{2}{3}$

2)  $\frac{7}{9} \times 0 = \underline{\hspace{2cm}}$

3)  $(\frac{2}{3} \times \frac{1}{5}) \times \frac{4}{7} = \frac{4}{7} \times (\underline{\hspace{2cm}} \times \underline{\hspace{2cm}})$

4)  $\frac{7}{8} \times \underline{\hspace{2cm}} = \frac{2}{3} \times \underline{\hspace{2cm}}$

**III. Divide.**

**(2 x 1 = 2M)**

1)  $1\frac{4}{3} \div 4$

2)  $7\frac{1}{7} \div 10$

**IV. Find the values of**

**(2 x 1 = 2M)**

1)  $\frac{3}{4} \times 13$

2)  $\frac{7}{8} \times 20$

**V. Find the H.C.F of the following using the short division method.**

**(3 x 1 = 3M)**

1) 75, 250 = \_\_\_\_\_

2) 216, 84 = \_\_\_\_\_

3) 34, 178 = \_\_\_\_\_