



Quarterly Examinations

50

[Time : $2\frac{1}{2}$ Hours]

Class : V Vikram Lotus Mathematics

[Max. Marks : 50]

Name :

Class :

Section :

Roll No :

Syllabus : Lotus Term Book : Term - 1

Summative Assessment

I. Solve the following problems.

(5 x 2 = 10M)

- 1) A machine in a post office, stamps 228 letters in a minute. How long will it take to stamp 12, 996 letters.
- 2) Three strings of different lengths 240 cm, 318 cm and 426 cm are to be cut into equal lengths. What is the greatest possible length of each piece.
- 3) An oak tree has 16 branches. If a tree trimmer cuts $\frac{6}{8}$ of them off, how many branches did the trimmer cut.
- 4) Mr. Mehta is 160 cm tall and his brother Sunny is $\frac{7}{8}$ as tall as him. How tall is Sunny.
- 5) Mr. Raj has ₹ 5,00,000 in his account. He gave $\frac{3}{4}$ of this to his wife and the remaining to his children. How much money did Mr. Raj give to his wife.

II. The H.C.F. of two numbers is 7 and their product is 588. What is the L.C.M. of these two numbers.

(2M)

III. The L.C.M. of two numbers is 420 and their H.C.F. is 20. One of the numbers is 40 find the other.

(2M)

IV. Write the numbers for the following number names.

(3 x 1 = 3M)

- 1) Nine lakhs sixty thousand eight hundred and sixteen _____
- 2) Forty three crore, fifty four thousand and one _____
- 3) One crore one _____

V. Write the numerical expression for the given word problems.

(3 x 1 = 3M)

- 1) Difference between 120 and the products of 6 and 7

- 2) Sum of difference between 18 and 4, and the product of 9 and 3

- 3) Quotient of 90 and 15 added to the product of 5 and 7

Formative Assessment

I. Arrange the following in ascending and descending order.

(2 x 2 = 4M)

1)

	Ascending Order	Descending Order
71, 42, 37, 149		
63, 27, 19, 149		
43, 19, 24, 197		
23, 54, 34, 971		

2)

	Ascending Order	Descending Order
1, 15, 34, 250		
3, 45, 27, 198		
43, 25, 54, 000		
42, 25, 45, 400		

II. Add the following.

(2 x 2 = 4M)

$$\begin{array}{r} 1) \quad 3 \ 1 \ 4 \ 3 \ 2 \ 7 \ 1 \ 9 \ 3 \\ \quad + 1 \ 5 \ 4 \ 1 \ 2 \ 3 \ 2 \ 1 \ 0 \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad 6 \ 2 \ 1 \ 0 \ 0 \ 4 \ 5 \ 1 \\ \quad + 1 \ 4 \ 5 \ 4 \ 1 \ 9 \ 5 \ 2 \\ \hline \end{array}$$

III. Simplify the following using the DMAS rule.

(3 x 1 = 3M)

1) $12 \times 4 \div 2$ _____

2) $12 - 16 \div 2$ _____

3) $6 \times 12 \div 4 + 18 - 18$ _____

IV. Write the Hindu - Arabic numerals for :

(3 x 1 = 3M)

1) XXXVI _____

2) XLV _____

3) MMD _____

V. Find the H.C.F of the following by long division method.

(3 x 1 = 3M)

1) 42, 140

2) 210, 100

3) 45, 75

VI. Change the following mixed fractions to improper fractions.

(2 x 1 = 2M)

1) $5 \frac{9}{11}$

2) $1 \frac{9}{10}$

VII. Multiply.

(3 x 1 = 3M)

1) $\frac{2}{3} \times \frac{5}{7}$

2) $16 \frac{2}{3} \times 3 \frac{3}{4}$

3) $\frac{7}{9} \times \frac{21}{28}$

VIII. Write the number names of the following Numbers according to the periods in which they are divided (India place value or International system of numeration). (3 x 1 = 3M)

1) 50, 23, 71, 140 _____

2) 36, 00, 15, 215 _____

3) 198, 200, 498 _____

IX. Write the successor and the predecessor of the following numbers. (3 x 1 = 3M)

		Successor	Predecessor
1.	2, 15, 00, 510		
2.	11, 00, 00, 000		
3.	1, 23, 59, 099		

X. Find the first three common multiply of the following pairs of the numbers and show them on a venn diagram. (2 x 1 = 2M)

1) 8, 16 _____

2) 9, 12 _____