



## REVISION PRACTICE ASSIGNMENT (RPA)

### SUBJECT - Mathematics

### SESSION-2020-21

### CLASS – V

## TOPIC: FACTORS

### 1) Tick the correct answer:

( 5 marks )

I) Which is the number having only one factor?

- a) 3                      b) 5                      c) 1                      d) 0

II) HCF of 42 and 62 is:

- a) 8                      b) 2                      c) 12                      d) 6

III) Which of the following is false?

- a) 2 is an even prime number.                      b) The smallest composite number is 1.  
c) Every number is a factor of zero.                      d) 1 is a factor of every number.

IV) Which is a correct prime factorization of 72?

- a)  $9 \times 8$                       b)  $12 \times 6$                       c)  $3 \times 3 \times 8$                       d)  $2 \times 2 \times 2 \times 3 \times 3$

V) Which of the following numbers is not divisible by 5?

a) 245

b) 500

c) 367

d) 195

**2) Solve the following:  
marks)**

**( 5**

- I) Find all the factors of 12.
- II) Is 236 divisible by 2?
- III) What are the prime factors of 120?
- IV) Find the greatest one digit prime number?
- V) Find the prime factorization of 90 using the division method.

**3) Do ad Directed:**

**( 6 marks)**

- I) Find the HCF of 60 and 185 using Long Division Method.
- II) Check whether 2134 is divisible by 3?
- III) Find the prime factorization of 64 by building factor tree.

**4)** A shopkeeper has 100 liters of oil of one kind, 150 liters of another kind and 250 liters of a third kind. He wants to sell the oil by filling the three kinds of oil in tins of equal capacity. What should be the greatest capacity of such a tin?

**( 4 marks**

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