

13.08.2019

EVERWIN VIDHYASHRAM

Marks: 20

STD: VIII

PERIODIC ASSESSMENT- II

Time: 45mins

MATHS (PART - II)

I. Answer the following:

5x1=5

1. Find the common factors of $4ab$ & $16a^2b^2c$.

2. Factorise $10xy + 20$.

3. An _____ factor is a factor which cannot be expressed further as product of factors.

4. Divide: $\frac{39x^2}{13x^2}$.

5. $a^2 - b^2 = (a + b)(\underline{\hspace{1cm}})$.

II. Answer the following questions:

5x3=15

6. Factorise: $9x^2 + 27xy + 5x + 15y$.

7. Factorise $p^2 + 8p + 16$ by using identity.

8. a) Divide $p(p + 1)(p + 2)(p + 3) \div p(p + 1)$.

b) $\frac{(15x + 45y)}{15}$ factorise and divide.

9. Factorise: $x^2 + 9x + 20$.

10. Factorise: a) $(ab + a) + b + 1$

b) Find the common factor of $2x^3$ & $8x^5$.