FORMATIVE ASSESSMENT - I (A.P) (10B)

● CCE MODEL ●

SYLLABUS
1. Real Numbers,
2. Sets,
3. Polynomials
7. Coordinate Geometry

MATHEMATICS CLASS - 10

Time : 45 Min.   **Marks : 20**

	Project Work	Creative Problems 5 to 10 with Solutions	Written Works	Slip Test	Total
Allotted Marks	10	10	10	20	50
Scored Marks					

I. Solve the following :   4 × 1 = 4 M

1. What is the value of r in a = bq + r of division lemma, if the number b is a factor of 'a' ?

2. If P = {Factors of 12 }, Q = {Factors of 36} then what is the relation between the two sets ?

3. Find a quadratic polynomial whose sum and product of zeroes are $\sqrt{2}$ and $\frac{1}{3}$ respectively.

4. Write the Heron's formula.

II. Solve the following :   3 × 2 = 6 M

5. Expand $\log \sqrt{\dfrac{x^3}{y^3}}$