

FORMATIVE ASSESSMENT - I

● CCE MODEL ●

SYLLABUS

1. Real Numbers,
2. Sets,
14. Statistics

MATHEMATICS CLASS - 10

Time : 45 Min.

Marks : 20

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

I. Solve the following :

3 × 1 = 3 M

1. Determine $\log_x \sqrt{x}$.

2. Write set-builder form of $A = \{5, 25, 125, 625\}$.

3. Explain the procedure to find median of ungrouped data.

II. Solve the following :

3 × 2 = 6 M

4. Show that 12^n cannot end with the digit 0 or 5 for any natural number 'n'.

5. Show that the sets A and B are equal, where

$A = \{x : x \text{ is a letter in the word 'ASSASSINATION'}\}$;

$B = \{x : x \text{ is a letter in the word 'STATION'}\}$