Class 8
Time : 1 hr.
10-8-2016 Formative Assessment II in MATHEMATICS M. Marks : 20

Section - A (1 x 4 = 4 marks)

Solve the following equations:

1. $3x - 3 = 12$

2. $7x = 63$

3. $3.2 = \frac{y}{2.5}$.

4. $\frac{x}{2} + \frac{5}{2} = -\frac{3}{2}$.

Section – B (2 × 3 = 6 marks)

Solve the following equations:

5. $4x + 7 = 2x + 25$

6. $2y + \frac{5}{3} = \frac{26}{3} - y$.

7. Solve the given equation for x and hence verify your answer : $8x + 4 = 3(x - 1) + 7$

Section - C (3 x 2 = 6 marks)

8. A rational number is such that when you multiply it by $\frac{5}{2}$ and add $\frac{2}{3}$ to the product you get $-\frac{7}{12}$ what is the number?

9. Arun's age is three times his son's age. Ten years ago he was five times as old as his son. Find their present ages.

Section – D (1 x 4 = 4 marks)

10. Binson has three times as many 2 Rs coins as he has five rupee coins. If he has in all a sum of Rs. 77, how many coins of each denomination does he have?

-x-x-x-x-x-x-x-