

19.08.2019  
STD: VIII

EVERWIN VIDHYASHRAM  
PERIODIC ASSESSMENT- II  
MATHS (PART - III)

Marks: 20  
Time: 45mins

I. Answer the questions:

5x3=15

1. Solve: i)  $\frac{5}{7} + x = \frac{19}{7}$       ii)  $\frac{y}{6} = 8$

2. Solve the equation  $9x - 5 = 9 + 7x$ .

3. Three consecutive integers add up to 66. What are these integers?

4. Solve for  $y$ :  $3y + \frac{1}{2} = \frac{3}{8} + y$ .

5. Ten years from now Ragavi's age will be six times her present age. What is Ragavi's present age?

II. Answer in one word:

5x1=5

6. A linear equation having only one variable is called a \_\_\_\_\_.

7. Which of the following equation is not a linear equation in one variable?

a)  $x + 7 = 5$     b)  $2x = 5$     c)  $x + y = 9$     d)  $\frac{x}{7} = 2$

8. An \_\_\_\_\_ is the equality of the values of two expression.

9. For the equation  $x - 7 = 8$ , the value of  $x$  is \_\_\_\_\_.

10. Say true or false:  $x = 1$  is a solution for the equation  $3x = 5$ .