LOYOLA SCHOOL, BHUBANESWAR

Second Class Evaluation – November 2025

Class: VI **Subject: Maths** **F.M.= 20** **Time: 40 min.**

1. Fill in the blanks: **[5]**

(a) If x =10 and y=3, then 2x –3y = _____.

(b) If 6 : 4 = 18 : x, then x = _____.

(c) Express as simple ratio : $3\frac{1}{2} : 2\frac{1}{3}$

(d) Express in algebraic form:

3y subtracted from 42 is equal to x

(e) If $2x - 2 = -6$ then x = _____

2. Do as directed:

(a) Find the value of 8x –2 when

(i) $x = -1$ (ii) $x = +1$ **[2]**

(b) Solve : $6x + 2 = 2x + 10$ **[2]**

(c) The monthly income of a person is ₹12000 and his monthly expenditure is ₹8500. Find the ratio of his expenditure to savings. **[2]**

(d) Find the value of x so that the given four numbers are in proportion.

$2, x, 10, 25$ **[2]**

(e) Write the statement for the following algebraic form.

(i) $8 - x < y$ **[2]**

(ii) $x + 2y = 15$

(f) Find the ratio between 5 dozens and 2 scores. **[2]**

3. Answer any one: **[3]**

(a) The sides of a triangle are in the ratio 3 : 2 : 4. If the sum of 3 sides of the triangle is 27 cm, find the length of each side.

(b) If p=8, q=1 and r=2, then find the value of $\frac{10pq-3qr}{4prq}$

**************ALL THE BEST*************

(c)