LOYOLA SCHOOL, BHUBANESWAR

Second Class Evaluation – November 2025

Class: VII	**Subject: Maths**	**F.M.= 20**	**Time: 40mins.**

I. Write only answer- **[1x5=5]**

1. Find the simplest ratio between 1km and 10m.
2. Find x if $x - 9.65 = 2.33$
3. Find the value of x if 12 :13 :: 3 : x.
4. 504 is divided into two parts in the ratio 5 : 7.The larger number is _____
5. If $\frac{x}{2} + 3 = 5 - x$, then x = _____

II. Write as directed with steps- **[2x6=12]**

1. If two numbers are in the ratio 11 : 13 and their difference is 8, find the numbers.
2. Find three consecutive numbers whose sum equals 999.
3. The ratio between two number is 3 : 4 . Find the number if their HCF is 15.
4. 4. Solve $\frac{x+4}{x-2} = 2$
5. Find the mean proportional between $\frac{1}{8}$ and $1\frac{7}{18}$.
6. 6. If p : q = $1\frac{1}{4} : 2\frac{1}{3}$ and q : r = $4\frac{1}{2} : 5\frac{1}{4}$, find p : r.

III. Answer any one of the following with necessary steps- **[3]**

1. Solve : $\frac{x-5}{7} + \frac{x+1}{5} + \frac{x+2}{7} = 9$
2. Divide 182 into three parts in the ratio $\frac{1}{10} : \frac{1}{15} : \frac{1}{20}$.

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