

20.08.2019**PA 2****STD: VIII****Tuesday****MATHS****Total Marks: 20**

I. Solve the following equations:

2x3=6

1. Find the solution of $2x - 3 = 7$.2. Solve $\frac{x}{3} + \frac{5}{2} = -\frac{3}{2}$.

II. Solve the following equation and check your results.

3x2=6

1. $4Z + 3 = 6 + 2Z$ 2. $5t - 3 = 3t - 5$ 3. $3m = 5m - \frac{8}{5}$.

III. Answer in detail:

2x4=8

1. The sum of three consecutive multiples of 11 is 363. Find these multiples.

2. What should be added to twice the rational number $-\frac{7}{3}$ to get $\frac{3}{7}$?