

MATHEMATICS

SELF – ASSESSMENT TEST 2

STD: VII

Time: 45 mins.

Date: 08.08.2020

Max. Marks: 20

1. Draw a number line and represent the following rational numbers on it.

i) $\frac{2}{3}$ ii) $-\frac{5}{6}$ [4]

2. Find the value of

i) $-4\frac{1}{6} - (-5\frac{3}{8})$ ii) $\frac{8}{15} \div -\frac{12}{25}$ [4]

3. i) Write -512 as a power of -2.

ii) Simplify and write in the exponential form: $\frac{3^6 \times a^2}{27 \times a^5}$ [4]

4. Simplify the following:

$\left[\left(\frac{-4}{5}\right)^{-2}\right]^{-3} \div \left(\frac{4}{5}\right)^5 \times \left(\frac{-2}{3}\right)^0$ [4]

5. i) Write the following numbers in the standard form:

a) 789.07 b) 45,60,00,00,000

ii) Write 3450075 in the expanded exponential form. [4]
