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JANUARY 2021

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MATHEMATICS

Paper 02 – General Proficiency

Question 1

$$1. (a) i. \quad 1\frac{4}{7} + \frac{2}{3} - 1\frac{5}{6}$$

$$\frac{11}{7} + \frac{2}{3} + \frac{11}{6} = \frac{66}{42} + \frac{28}{42} + \frac{77}{42} = \frac{17}{42}$$

$$ii. \quad \frac{\sqrt[3]{27}}{9^2} = \frac{3}{81} = \frac{1}{27}$$

$$b. i. \quad 485 \times 10^{-2} \times 75$$

$$4.85 \times 75 = 363.75$$

$$ii. a. \quad 363.75 \approx 360$$

$$b. \quad 363.75 \approx 363.8$$

$$c. \quad 363.75 \approx 3.6375 \times 10^2$$

$$4500MXN = 630ECD$$

$$c. \quad 1ECD = \frac{4500MXN}{630}$$

$$1.00ECD = 7.143MXN$$

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S Ashworth

A red circular graphic with a gradient, appearing as a semi-circle or a partial circle, located to the right of the author's name.

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