UNIT 3 *Using Fractions and Percentages*

CSEC Multiple Choice Questions

For each of these questions, choose the option (A, B, C or D) that is TRUE.

1. What is the value of $\dfrac{(5 + 2)^2}{5^2 - 2^2}$ in its simplest form?

   (A) $\dfrac{8}{21}$

   (B) $\dfrac{7}{3}$

   (C) $\dfrac{7}{2}$

   (D) $\dfrac{49}{3}$

2. What is the value of $\left(\dfrac{1}{2} \times 1\dfrac{2}{5}\right) \div \dfrac{20}{7}$ in its simplest form?

   (A) 2

   (B) $\dfrac{7}{100}$

   (C) $\dfrac{1}{2}$

   (D) $\dfrac{49}{200}$

3. What is the EXACT value of $5\dfrac{1}{3} - \left(1\dfrac{1}{9} \times 3\right)$?

   (A) 0

   (B) 1

   (C) 2

   (D) 3

4. After a 10% discount, an article is sold for $360.
   The price before the discount was

   (A) $ 36

   (B) $324

   (C) $392

   (D) $400

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5.   You invest J$20 000 in a building society account which pays 4% interest each year. If the interest is added to the account at the end of each year, what is the value of the account after 2 years?

(A)   J$20 800

(B)   J$21 600

(C)   J$21 616

(D)   J$21 632

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ANSWERS

1.   B
2.   D
3.   C
4.   D
5.   D