

UNIT 6 *Indices and Factors***CSEC Multiple Choice Questions**

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

1. 2.748 to 2 significant figures is

- (A) 2.75
- (B) 2.8
- (C) 2.74
- (D) 2.7

2. $\left(\frac{1}{4}\right)^{-\frac{1}{2}}$ is

- (A) $\frac{1}{2}$
- (B) 2
- (C) $\sqrt{2}$
- (D) $\frac{1}{16}$

3. If $x = 3^2 \times 2^3$, then $x^4 =$

- (A) $3^6 \times 2^3$
- (B) $3^6 \times 2^7$
- (C) $3^8 \times 2^3$
- (D) $3^8 \times 2^{12}$

4. The HCF of 54 and 60 is

- (A) 3
- (B) 2
- (C) 6
- (D) 12

5. The LCM of 18 and 15 is

- (A) 90
- (B) 270
- (C) 360
- (D) 180

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ANSWERS

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