

TB(1A) Ch. 1 Basic Computation**Multiple Choice Questions****1. [16-17 Mid-year Exam, #1]**

Find the H.C.F. of 242 and 484.

- A. 2 B. 11
C. 242 D. 484

2. [16-17 Mid-year Exam, #2]Convert $1\frac{6}{25}$ into decimal number.

- A. 1.06 B. 1.24
C. 1.25 D. 1.6

3. [16-17 Final Exam, #1]

Find the L.C.M. of 15, 20 and 30.

- A. 5 B. 60
C. 120 D. 360

4. [17-18 Mid-year Exam, #1]Arrange 0.6, $\frac{5}{7}$, 75% and $\frac{13}{20}$ in ascending order.

- A. $0.6 < \frac{5}{7} < \frac{13}{20} < 75\%$
B. $0.6 < \frac{13}{20} < \frac{5}{7} < 75\%$
C. $0.6 > \frac{5}{7} > \frac{13}{20} > 75\%$
D. $0.6 > \frac{13}{20} > \frac{5}{7} > 75\%$

5. [17-18 Mid-year Exam, #11]

Which of the following statement(s) must be correct?

- I. All prime numbers are odd numbers.
II. 0 is an even number.
III. A natural number is either a prime number or a composite number.
- A. I only
B. II only
C. I and III only
D. II and III only

6. [18-19 Standardized Test 1, 7]

Which of the following is/are correct?

- I. A natural number is an integer.
- II. All factors of 36 are smaller than 36.
- III. The sum of the first three prime numbers is smaller than 9.

- A. I only
- B. I and II only
- C. II and III only
- D. I and III only

7. [18-19 Mid-year Exam, #1]

Find the L.C.M. of 42 and 60.

- A. 2×3
- B. $2 \times 3 \times 5 \times 7$
- C. $2^2 \times 3 \times 5 \times 7$
- D. $2^2 \times 3^2 \times 5 \times 7$

8. [18-19 Mid-year Exam, #2]

Which of the following is/are correct?

- I. 0 is a whole number.
- II. 0 is an even number.
- III. 1 is a prime number.

- A. II only
- B. III only
- C. I and II only
- D. II and III only

9. [18-19 Final Exam, #1]

Which of the following are correct?

- I. 1 is a natural number.
- II. 1 is a prime number.
- III. 1 is a square number.

- A. I and II only
- B. II and III only
- C. I and III only
- D. I, II and III

10. [19-20 Standardized Test 1, #1]

Which of the following is/are correct?

- I. 0 is a positive number.
- II. 0 is an even number.
- III. 0 is a whole number.

- A. I only
- B. II only
- C. I and II only
- D. II and III only

11. [19-20 Mid-year, #1]

Which of the following is/are correct?

- I. 2 is a prime number.
- II. The H.C.F. of 3 and 6 is 6.
- III. The first 3 multiples of 5 are 10, 15 and 20.

- A. I only
- B. I and II only.
- C. II and III only.
- D. I, II and III.

12. [19-20 Mid-year, #2]

The L.C.M. of 8, 12 and 24 is

- A. 4.
- B. 8.
- C. 24.
- D. 48.

13. [20-21 Mid-Year, #1]

15528 is divisible by which of the following integers?

- I. 4
- II. 6
- III. 9

- A. I and II only.
- B. II and III only.
- C. I and III only.
- D. I, II and III.

14. [20-21 Mid-Year, #2]

What is the L.C.M of 18, 26 and 78?

- A. 26
- B. 78
- C. 234
- D. 702

15. [20-21 Mid-Year, #12]

A rectangular box of dimension $32 \text{ cm} \times 40 \text{ cm} \times 48 \text{ cm}$ is completely cut into a number of identical cubes. What is the length of the side of the largest possible cube?

- A. 2 cm
- B. 4 cm
- C. 8 cm
- D. 16 cm

16. [20-21 Final Exam, #7]

Find the L.C.M. of $2^2 \times 3^4 \times 5$, $2^4 \times 3^2 \times 5^2$ and 2×3^2 .

- A. 2×3^2
- B. $2 \times 3^2 \times 5$
- C. $2^4 \times 3^4 \times 5^2$
- D. $2^7 \times 3^9 \times 5^3$

~ End ~