

Duration: 60 Mins

Total Marks: 14

Q.ID: ITISKILL513309

1. What denotes letter M in MKS system?

- A) Micron B) Millimeter
C) Meter D) Mile

Answer: C) Meter

2. What are the two classifications of system of units?

- A) Fundamental and derived B) Metric and International
C) British and Metric D) Gravitational and non-gravitational

Answer: A) Fundamental and derived

3. What is the LCM of 12, 18, 6, 36?

- A) 12 B) 18
C) 42 D) 36

Answer: D) 36

4. What are fundamental units?

- A) Length, Pressure, Volume B) Length, Mass, Volume
C) Length, Mass, Time D) Length, Mass, Area

Answer: C) Length, Mass, Time

5. What is the square root of 529?

- A) 12 B) 33
C) 23 D) 43

Answer: C) 23

6. What is the HCF of 18, 42, 24?

- A) 6 B) 2
C) 18 D) 24

Answer: A) 6

7. How many millimetres are there in 1 inch?

- A) 25.4 mm B) 24.5 mm
C) 2.54 mm D) 2.45 mm

Answer: A) 25.4 mm

8. Simplify: $(17.49 \times 5.2) / (6.5)$

- A) 13.99 B) 13.69
C) 13.89 D) 13.79

Answer: A) 13.99

9. What is the length of each part is a copper wire of 225 metre long is cut into 900 equal parts?

- A) 0.28 metre B) 0.29 metre
C) 0.25 metre D) 0.23 metre

Answer: C) 0.25 metre

10. Divide $(20/31) / (15/62)$

- A) $2(2/3)$ B) $2(3/2)$
C) $2(4/3)$ D) $2(1/3)$

Answer: A) $2(2/3)$

11. Convert decimal 0.000659 to fraction?

- A) $(659/1000000)$ B) $(659/10000)$
C) $(659/100000)$ D) $(659/1000)$

Answer: A) $(659/1000000)$

12. What is the improper fraction for the given mixed fraction $7 \times (3/7)$

- A) "28/7" B) (52/7)
C) "7/28" D) "7/52"

Answer: B) (52/7)

13. What is the product of 0.003×0.5 ?

- A) 0.0015 B) 0.15
C) 0.015 D) 0.00015

Answer: A) 0.0015

14. Simplify: $(3/4) + (2/5) - (5/20)$

- A) $(9/10)$ B) $(3/10)$
C) $(12/10)$ D) $(13/10)$

Answer: A) $(9/10)$