

Duration: 30 Mins

Total Marks: 14

Q.ID: ITISKILL42006Q

1. What are fundamental units?

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

Answer: D) Length, Mass, Time

2. Convert decimal 0.000659 to fraction?

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

Answer: C) (659/1000000)

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

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

Answer: A) 36

4. What is the product of 0.003×0.5 ?

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

Answer: D) 0.0015

5. What denotes letter M in MKS system?

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

Answer: A) Meter

6. What is the square root of 529?

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

Answer: B) 23

7. What is the improper fraction for the given mixed fraction $7 \frac{3}{7}$?

- A) $\frac{7}{52}$ B) $\frac{52}{7}$
C) $\frac{7}{28}$ D) $\frac{28}{7}$

Answer: B) $\frac{52}{7}$

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

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

Answer: D) 6

9. How many millimetres are there in 1 inch?

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

Answer: B) 25.4 mm

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

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

Answer: A) 0.25 metre

11. Simplify: $(\frac{3}{4}) + (\frac{2}{5}) - (\frac{5}{20})$

- A) $\frac{9}{10}$ B) $\frac{12}{10}$
C) $\frac{13}{10}$ D) $\frac{3}{10}$

Answer: A) $\frac{9}{10}$

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

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

Answer: D) Fundamental and derived

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

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

Answer: D) 13.99

14. Divide $(\frac{20}{31}) / (\frac{15}{62})$

- A) $2\frac{1}{3}$ B) $2\frac{2}{3}$
C) $2\frac{4}{3}$ D) $2\frac{3}{2}$

Answer: B) $2\frac{2}{3}$