

07:22 AM

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govt ITI HN PURA

Answer Key

Duration: 30 Mins

Total Marks: 14

Q.ID: ITISKILL032912

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

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

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

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

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

Answer: D) 36

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

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

Answer: A) 13.99

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

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

Answer: C) 6

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

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

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

6. What are fundamental units?

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

Answer: C) Length, Mass, Time

7. What denotes letter M in MKS system?

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

Answer: B) Meter

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

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

Answer: C) 0.25 metre

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

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

Answer: B) Fundamental and derived

10. What is the square root of 529?

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

Answer: D) 23

11. 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) $2\frac{2}{3}$

12. Convert decimal 0.000659 to fraction?

- A) $\frac{659}{100000}$ B) $\frac{659}{1000}$
C) $\frac{659}{10000}$ D) $\frac{659}{1000000}$

Answer: D) $\frac{659}{1000000}$

13. What is the product of 0.003×0.5 ?

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

Answer: A) 0.0015

14. How many millimetres are there in 1 inch?

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

Answer: C) 25.4 mm