

02:04 PM

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Answer Key

Duration: 60 Mins

Total Marks: 14

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

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

Answer: C) 6

2. Convert decimal 0.000659 to fraction?

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

Answer: D) (659/1000000)

3. What are fundamental units?

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

Answer: A) Length, Mass, Time

4. What is the square root of 529?

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

Answer: A) 23

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

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

Answer: A) Fundamental and derived6. What is the improper fraction for the given mixed fraction $7 \frac{3}{7}$?

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

Answer: C) (52/7)7. What is the product of 0.003×0.5 ?

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

Answer: A) 0.0015

8. How many millimetres are there in 1 inch?

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

Answer: A) 25.4 mm9. Simplify: $(17.49 \times 5.2) / (6.5)$

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

Answer: B) 13.9910. Simplify: $(\frac{3}{4}) + (\frac{2}{5}) - (\frac{5}{20})$

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

Answer: C) (9/10)

11. 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) 0.25 metre
C) 0.23 metre D) 0.28 metre

Answer: B) 0.25 metre12. Divide $(\frac{20}{31}) / (\frac{15}{62})$

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

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

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

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

Answer: A) 36

14. What denotes letter M in MKS system?

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

Answer: C) Meter