

Student: MOHAN HS

Score: 12/14 (85.71%)

Code: 3508

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

A) British and Metric

B) Gravitational and non-gravitational

**C) Fundamental and derived (Correct)**

D) Metric and International

C) "28/7"

D) "7/28"

2. What are fundamental units?

A) Length, Mass, Volume

**B) Length, Mass, Time (Correct)**

C) Length, Mass, Area

D) Length, Pressure, Volume

3. What denotes letter M in MKS system?

A) Mile

**B) Meter**

C) Millimeter

D) Micron (Incorrect)

4. How many millimetres are there in 1 inch?

A) 2.54 mm

**B) 25.4 mm (Correct)**

C) 24.5 mm

D) 2.45 mm

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

A) 12

B) 18

**C) 36 (Correct)**

D) 42

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

A) 2

**B) 6**

C) 18 (Incorrect)

D) 24

7. What is the improper fraction for the given mixed fraction  $7 \frac{3}{7}$ ?**A) (52/7) (Correct)**

B) "7/52"

8. Convert decimal 0.000659 to fraction?

A) (659/1000)

B) (659/10000)

C) (659/100000)

**D) (659/1000000) (Correct)**9. Simplify:  $(\frac{3}{4}) + (\frac{2}{5}) - (\frac{5}{20})$ A)  $(\frac{3}{10})$ **B) ( $\frac{9}{10}$ ) (Correct)**C)  $(\frac{12}{10})$ D)  $(\frac{13}{10})$ 10. Divide  $(\frac{20}{31}) / (\frac{15}{62})$ A)  $2(\frac{4}{3})$ B)  $2(\frac{1}{3})$ C)  $2(\frac{3}{2})$ **D) 2( $\frac{2}{3}$ ) (Correct)**11. What is the product of  $0.003 \times 0.5$ ?

A) 0.00015

**B) 0.0015 (Correct)**

C) 0.015

D) 0.15

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

A) 13.69

B) 13.79

C) 13.89

**D) 13.99 (Correct)**

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

A) 0.23 metre

**B) 0.25 metre (Correct)**

C) 0.28 metre

D) 0.29 metre

14. What is the square root of 529?

A) 12

**B) 23 (Correct)**

C) 33

D) 43