

Student: SHARATH
Score: 9/14 (64.29%)

Code: 4556

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

- A) British and Metric (Incorrect) B) Gravitational and non-gravitational
C) **Fundamental and derived** 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

8. Convert decimal 0.000659 to fraction?

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

3. What denotes letter M in MKS system?

- A) Mile **B) Meter (Correct)**
C) Millimeter D) Micron

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

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

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

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

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

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

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

11. What is the product of 0.003×0.5 ?

- A) 0.00015 **B) 0.0015 (Correct)**
C) 0.015 D) 0.15

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

- A) 2 **B) 6**
C) 18 (Incorrect) D) 24

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

- A) 13.69 B) 13.79
C) 13.89 **D) 13.99 (Correct)**

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

- A) (52/7) (Correct)** B) "7/52"

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**
C) 0.28 metre D) 0.29 metre (Incorrect)

14. What is the square root of 529?

- A) 12 **B) 23 (Correct)**
C) 33 D) 43