

1.Units and Fraction

Q. ID: ITISKILL3244C6

April 2026

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Question Paper

Duration: 30 Mins

Total Marks: 14

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Student Name: _____ Roll No: _____

1. What are fundamental units?

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

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

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

3. How many millimetres are there in 1 inch?

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

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

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

5. What is the square root of 529?

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

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

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

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

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

8. Convert decimal 0.000659 to fraction?

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

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

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

10. What denotes letter M in MKS system?

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

11. What is the product of 0.003×0.5 ?

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

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

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

13. What is the improper fraction for the given mixed fraction ? $7 \times (3/7)$

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

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

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