

ITI Quiz - 04-Mar-2026

04:11 PM

Q. ID: ITISKILL1617MI

March 2026

Iti

Question Paper

Duration: 30 Mins

Total Marks: 29

ID: ITISKILL1617MI

Student Name: _____ Roll No: _____

1. What percentage of 80 is 20?

- A) 0.4
B) 0.8
C) 0.2
D) 0.25

2. What is the length L2, if total length (L) is 2.75 metre and L1:L2 = 2:3?

- A) 1.65 metre
B) 1.1 metre
C) 1.75 metre
D) 1.25 metre

3. What is the length of each part is 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

4. A motor cycle tyre is sold for Rs 300/- what is the purchase price if 25% profit is added to it.

- A) Rs 240
B) Rs 220
C) Rs 260
D) Rs 200

5. What will be the rpm of smaller gear if a 180 mm dia meshes with 60 mm dia gear and the bigger gear makes 60 rpm?

- A) 140 rpm
B) 180 rpm
C) 160 rpm
D) 120 rpm

6. How much is 8% of 40 kg?

- A) 5.2 kg
B) 2.2 kg
C) 4.2 kg
D) 3.2 kg

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

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

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

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

9. What is the ratio of 4 kg to 800 grams?

- A) 04:08
B) 02:04
C) 05:01
D) 08:04

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

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

11. What is the square root of 529?

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

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

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

13. How many days a mechanic takes to assemble 64 machines if he assembles 8 machines in 3 days?

- A) 20 days
B) 22 days
C) 26 days
D) 24 days

14. Convert decimal 0.000659 to fraction?

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

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

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

16. What is the percentage of copper if the casting weight of copper 42.3 kg and tin weight 2.7 kg?

- A) Cu 92%
B) Cu 98%
C) Cu 96%
D) Cu 94%

17. Convert 0.456 decimal fraction into percentage?

- A) 0.000456
B) 45.6
C) 0.456
D) 0.0456

18. What denotes letter M in MKS system?

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

19. What is the x value for $x^2 + 62 = 126$?

- A) 6
- B) 10
- C) 8
- D) 4

20. How many millimetres are there in 1 inch?

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

21. What is the product of 0.003×0.5 ?

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

22. What is the square root of 0.017?

- A) 0.000001
- B) 0.13
- C) 0.001
- D) 0.00001

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

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

24. What is the definition of ratio?

- A) Relation of two quantities of the same kind
- B) Inequality between two ratios

C) Relation of two quantities of the different kind

D) Equality between two ratios

25. What are fundamental units?

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

26. What is the decimal fraction of conversion of 18.5%?

- A) 0.175
- B) 0.195
- C) 0.185
- D) 0.165

27. Convert 52% into fraction?

- A) (9/25)
- B) (17/25)
- C) (11/25)
- D) (13/25)

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

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

29. What is the square root of decimal number 550.37?

- A) 23.46
- B) 22.26
- C) 21.26
- D) 22.46