

ITI Quiz - 19-Feb-2026

02:34 PM

GOVT ITI PERDOOR

Q. ID: ITISKILL4276ZS

Workshop calculation Exam for the
month of January 2026

February 2026

Question Paper

Student: Nagarjun

Score: 12/15 (80.00%)

Code: 4944

1. What is the square root of 0.017?

- A) 0.001
C) 0.00001
B) **0.13 (Correct)**
D) 0.000001

2. What is the definition of ratio?

- A) **Relation of two quantities of the same kind (Correct)**
C) Equality between two ratios
B) Relation of two quantities of the different kind
D) Inequality between two ratios

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

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

4. What percentage of 80 is 20?

- A) 0.8
C) **0.25 (Correct)**
B) 0.4
D) 0.2

5. How much is 8% of 40 kg?

- A) 2.2 kg
C) 4.2 kg
B) **3.2 kg (Correct)**
D) 5.2 kg

6. Convert 52% into fraction?

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

7. Convert 0.456 decimal fraction into percentage?

- A) 0.456
C) **45.6 (Correct)**
B) 0.0456
D) 0.000456

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

- A) 4
C) **8 (Correct)**
B) 6
D) 10

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

- A) 21.26 (Incorrect)
C) 22.46
B) 22.26
D) **23.46**

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

- A) 1.1 metre
C) **1.65 metre (Correct)**
B) 1.25 metre
D) 1.75 metre

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

- A) 20 days
C) **24 days (Correct)**
B) 22 days
D) 26 days

12. 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) 120 rpm
C) 160 rpm
B) 140 rpm
D) **180 rpm (Correct)**

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

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

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

- A) Rs 200
C) **Rs 240 (Correct)**
B) Rs 220
D) Rs 260

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

- A) **0.185 (Correct)**
C) 0.165
B) 0.175
D) 0.195