

02:34 PM

February 2026

GOVT ITI PERDOOR

Question Paper

Duration: 60 Mins

Total Marks: 15

ID: ITISKILL4276ZS

Student Name: _____ Roll No: _____

1. 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) 160 rpm B) 120 rpm
C) 180 rpm D) 140 rpm

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

2. 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 94%
C) Cu 96% D) Cu 98%

9. Convert 0.456 decimal fraction into percentage?

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

3. Convert 52% into fraction?

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

10. How much is 8% of 40 kg?

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

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

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

11. What is the definition of ratio?

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

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

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

12. 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 200
C) Rs 260 D) Rs 220

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

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

13. What percentage of 80 is 20?

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

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

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

14. What is the square root of 0.017?

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

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

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

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