

MONTHLY TEST

FEB-26

Q. ID: ITISKILL691615

February 2026

GOVT ITI HOLENARASIPURA

Question Paper

Duration: 30 Mins

Total Marks: 15

ID: ITISKILL691615

Student Name: _____ Roll No: _____

1. How much is 8% of 40 kg?

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

2. What is the definition of ratio?

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

3. What is the square root of 0.017?

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

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

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

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

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

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

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

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

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

8. 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 98%
D) Cu 96%

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

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

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

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

11. Convert 0.456 decimal fraction into percentage?

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

12. What percentage of 80 is 20?

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

13. 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) 180 rpm
B) 140 rpm
C) 160 rpm
D) 120 rpm

14. Convert 52% into fraction?

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

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

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