

MONTHLY TEST

FEB-26

Q. ID: ITISKILL691615

February 2026

GOVT ITI HOLENARASIPURA

Answer Key

Duration: 30 Mins

Total Marks: 15

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1. What is the definition of ratio?

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

Answer: D) Relation of two quantities of the same kind

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

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

Answer: A) 1.65 metre

3. Convert 52% into fraction?

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

Answer: A) (13/25)

4. How much is 8% of 40 kg?

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

Answer: A) 3.2 kg

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) 120 rpm
C) 160 rpm
D) 180 rpm

Answer: D) 180 rpm

6. 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

Answer: B) 24 days

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

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

Answer: A) 0.185

8. What percentage of 80 is 20?

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

Answer: B) 0.25

9. 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 96%
C) Cu 98%
D) Cu 94%

Answer: D) Cu 94%

10. Convert 0.456 decimal fraction into percentage?

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

Answer: D) 45.6

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

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

Answer: C) 05:01

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

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

Answer: A) 8

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

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

Answer: C) 23.46

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
B) Rs 260
C) Rs 240
D) Rs 220

Answer: C) Rs 240

15. What is the square root of 0.017?

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

Answer: A) 0.13