

# 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 decimal fraction of conversion of 18.5%?

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

**Answer: D) 0.185**

2. What is the definition of ratio?

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

**Answer: A) Relation of two quantities of the same kind**

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

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

**Answer: B) Rs 240**

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

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

**Answer: A) 8**

5. What percentage of 80 is 20?

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

**Answer: C) 0.25**

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

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

**Answer: A) 05:01**

7. How much is 8% of 40 kg?

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

**Answer: D) 3.2 kg**

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

- A) Cu 98%                      B) Cu 94%

- C) Cu 92%                      D) Cu 96%

**Answer: B) Cu 94%**

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

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

**Answer: B) 23.46**

10. What is the length L<sub>2</sub>, if total length (L) is 2.75 metre and L<sub>1</sub>:L<sub>2</sub> = 2:3?

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

**Answer: B) 1.65 metre**

11. 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**

12. Convert 52% into fraction?

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

**Answer: B) (13/25)**

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

**Answer: C) 180 rpm**

14. What is the square root of 0.017?

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

**Answer: B) 0.13**

15. Convert 0.456 decimal fraction into percentage?

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

**Answer: D) 45.6**