

ITI Quiz - 08-Apr-2026

03:05 PM

Q. ID: ITISKILL353803

April 2026

Sri Mahalingeswara ITI

Answer Key

Duration: 30 Mins

Total Marks: 15

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

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

Answer: D) 24 days

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

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

Answer: B) 8

3. Convert 0.456 decimal fraction into percentage?

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

Answer: A) 45.6

4. Convert 52% into fraction?

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

Answer: B) (13/25)

5. How much is 8% of 40 kg?

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

Answer: C) 3.2 kg

6. 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) 160 rpm
C) 180 rpm D) 120 rpm

Answer: C) 180 rpm

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

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

Answer: B) 0.185

8. 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 220

- C) Rs 260 D) Rs 200

Answer: A) Rs 240

9. What is the square root of 0.017?

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

Answer: D) 0.13

10. What percentage of 80 is 20?

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

Answer: B) 0.25

11. What is the definition of ratio?

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

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

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

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

Answer: A) Cu 94%

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

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

Answer: D) 05:01

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

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

Answer: B) 23.46

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

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

Answer: B) 1.65 metre