

2.Square Root

Q. ID: ITISKILL5704EL

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Govt ITI Beerihundi

Answer Key

Duration: 30 Mins

Total Marks: 15

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1. 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 260
C) Rs 200 D) Rs 220

Answer: A) Rs 240

2. Convert 0.456 decimal fraction into percentage?

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

Answer: C) 45.6

3. 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

4. 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

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

5. Convert 52% into fraction?

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

Answer: B) (13/25)

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

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

Answer: C) 1.65 metre

7. How much is 8% of 40 kg?

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

Answer: B) 3.2 kg

8. What percentage of 80 is 20?

- A) 0.8 B) 0.25

- C) 0.4 D) 0.2

Answer: B) 0.25

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

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

Answer: A) 8

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

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

Answer: B) Cu 94%

11. What is the square root of 0.017?

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

Answer: C) 0.13

12. 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

Answer: A) 180 rpm

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

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

Answer: D) 0.185

14. 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

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

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

Answer: A) 24 days