

Duration: 30 Mins

Total Marks: 15

Q.ID: ITISKILL5711RH

1. Convert 52% into fraction?

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

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

2. What percentage of 80 is 20?

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

**Answer: B) 0.25**

3. Convert 0.456 decimal fraction into percentage?

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

**Answer: D) 45.6**

4. What is the definition of ratio?

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

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

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

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

**Answer: C) 8**

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) 180 rpm  
C) 160 rpm                      D) 120 rpm

**Answer: B) 180 rpm**

7. 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) 20 days                      D) 26 days

**Answer: B) 24 days**

8. How much is 8% of 40 kg?

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

**Answer: D) 3.2 kg**

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

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

**Answer: B) 23.46**

10. What is the square root of 0.017?

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

**Answer: D) 0.13**

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

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

**Answer: A) 05:01**

12. 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 240  
C) Rs 200                         D) Rs 260

**Answer: B) Rs 240**

13. 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**

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

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

**Answer: C) 1.65 metre**

15. 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 96%                         D) Cu 98%

**Answer: B) Cu 94%**