

**Duration: 30 Mins**

**Total Marks: 15**

**ID: ITISKILL5711RH**

Student Name: \_\_\_\_\_ Roll No: \_\_\_\_\_

**1. Convert 52% into fraction?**

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

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

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

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

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

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

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

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

**10. What percentage of 80 is 20?**

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

**4. What is the square root of 0.017?**

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

**11. 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 220                      D) Rs 240

**5. How much is 8% of 40 kg?**

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

**12. What is the definition of ratio?**

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

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

**13. 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 96%  
C) Cu 92%                      D) Cu 94%

**7. Convert 0.456 decimal fraction into percentage?**

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

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

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

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

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