

February 2026

Govt ITI (Men) Mangalore

Answer Key

Duration: 30 Mins

Total Marks: 5

Q.ID: ITISKILL5790FK

1. What is called the ratio between the density of a substance and density of water at 4 Degree Centigrade?

- A) Specific gravity B) Density
C) Mass D) Weight

Answer: A) Specific gravity

2. What is the density of aluminium?

- A) 2.7 g/cm^3 B) 5.7 g/cm^3
C) 4.7 g/cm^3 D) 3.7 g/cm^3

Answer: A) 2.7 g/cm^3

3. What is the specific gravity of the metal, if the piece of metal weighs 150 grams in air and 125 grams in water?

- A) 10 B) 6

- C) 25 D) 15

Answer: B) 6

4. What is called mass per unit volume of a substance?

- A) Density B) Mass
C) Volume D) Weight

Answer: A) Density

5. What is the force with which a body is attracted by the earth towards its centre?

- A) Volume B) Density
C) Mass D) Weight

Answer: D) Weight