

December 2025

Govt iti (Men), kadri hills Mangalore

Answer Key

Duration: 30 Mins

Total Marks: 10

Q.ID: ITISKILL9071TC

1. Which mechanical property of a metal offers resistance to elastic deformation in a cutting tool?

- A) Malleability B) Hardness
C) Toughness D) Ductility

Answer: B) Hardness

2. Which property of metal has its power of returning to its original shape after the applied force is released?

- A) Plasticity B) Elasticity
C) Tenacity D) Malleability

Answer: B) Elasticity

3. Which one is non-metal?

- A) Mercury B) Iron
C) Brass D) Graphite

Answer: D) Graphite

4. Which alloy steel is using for making precious instrument?

- A) Silicon steel B) Vanadium
C) Invar steel D) Manganese steel

Answer: C) Invar steel

5. What is the name of the metal which do not contain iron?

- A) Non-Insulating metals B) Insulating metals
C) Ferrous metals D) Non-ferrous metals

Answer: D) Non-ferrous metals

6. Which alloy steel is used to make permanent magnets?

- A) Vanadium steel B) Silicon steel
C) Cobalt steel D) Manganese steel

Answer: C) Cobalt steel

7. Which property of a metal possessed by it melts when heat is applied?

- A) Tenacity B) Malleability
C) Fusibility D) Conductivity

Answer: C) Fusibility

8. Which steel is used for making files and cold chisel?

- A) Stainless steel B) High carbon steel
C) Low carbon steel D) Midium carbon steel

Answer: B) High carbon steel

9. Which one of the following properties is the mechanical properties of metal?

- A) Corrosion B) Fusibility
C) Structure D) Ductility

Answer: D) Ductility

10. Which property of material enables to formation of permanent deformation without fracture?

- A) Ductility B) Plasticity
C) Elasticity D) Brittleness

Answer: B) Plasticity