

# ITI Quiz - 16-May-2026

## 11:14 AM

Q. ID: ITISKILL8475WM

May 2026

Answer Key

Duration: 30 Mins

Total Marks: 30

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

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

**Answer: C) Non-ferrous metals**

2. What is the ore of aluminium?

- A) Bauxite      B) Lemonite  
C) Hematite      D) Mallatite

**Answer: A) Bauxite**

3. Which alloy used in electric lamp as filament?

- A) Cobalt      B) Vanadium  
C) Tungsten      D) Silicon

**Answer: C) Tungsten**

4. Which cast iron cannot be welded?

- A) Malleable cast iron      B) Grey cast iron  
C) Nodular cast iron      D) White cast iron

**Answer: D) White cast iron**

5. What is the carbon percentage in medium carbon steel?

- A) 0.15% to 0.25%      B) 0.5% to 1.5%  
C) 0.25% to 0.5%      D) 0.05% to 0.15%

**Answer: C) 0.25% to 0.5%**

6. Which metal cannot be forged?

- A) Mild steel      B) Cast iron  
C) Alloy steel      D) Steel

**Answer: B) Cast iron**

7. What is the carbon percentage in high carbon steel?

- A) 0.50% to 1.50%      B) 0.02% to 0.03%  
C) 0.15% to 0.25%      D) 0.25% to 0.50%

**Answer: A) 0.50% to 1.50%**

8. What is the carbon percentage in low carbon steel?

- A) 0.50% to 1.50%      B) 0.02% to 0.03%  
C) 0.25% to 0.50%      D) 0.15% to 0.25%

**Answer: D) 0.15% to 0.25%**

9. Which is brittle metal?

- A) Cast iron      B) Steel

C) Mild steel

D) Alloy steel

**Answer: A) Cast iron**

10. Which metal contains iron as a major content?

- A) Zinc      B) Brass metal  
C) Bronze metal      D) Ferrous metal

**Answer: D) Ferrous metal**

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

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

**Answer: B) Ductility**

12. Which insulating material is used for making switches?

- A) Porcelain      B) Ebonite  
C) Bakelite      D) PVC

**Answer: C) Bakelite**

13. What metals contained in brass alloy?

- A) Copper and aluminium      B) Copper and tin  
C) Copper and zinc      D) Copper and lead

**Answer: C) Copper and zinc**

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

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

**Answer: C) Fusibility**

15. Which metal is widely used for making casting of machinery parts?

- A) Malleable cast iron      B) White cast iron  
C) Wrought iron      D) Grey cast iron

**Answer: D) Grey cast iron**

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

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

**Answer: C) Elasticity**

17. What is the name of the property of an insulation that should brake down or puncture on application of high

voltage?

- A) Specific resistance
- B) Non absorption
- C) Di-electric strength
- D) Mechanical strength

**Answer: C) Di-electric strength**

**18.** Which rubber is used as insulator for power cables and control wires?

- A) Hypalone
- B) Silicon
- C) Nitrite butadiene
- D) Butyl

**Answer: B) Silicon**

**19.** Which among the following is an insulator?

- A) Copper
- B) Aluminium
- C) Mica
- D) Silver

**Answer: C) Mica**

**20.** Which insulator is used in over head lines?

- A) Mica
- B) Porcelain
- C) Rubber
- D) P.V.C

**Answer: B) Porcelain**

**21.** Which property of a metal enables it by which it can be drawn out into wires under tension without rupture?

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

**Answer: D) Ductility**

**22.** Which alloy steel is used to make permanent magnets?

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

**Answer: C) Cobalt steel**

**23.** What is the name of furnace to obtained cast iron?

- A) Alloy metal - Electric furnace
- B) Steel - Rever battery
- C) Cupola
- D) Mild steel - Blast furnace

**Answer: C) Cupola**

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

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

**Answer: A) High carbon steel**

**25.** Which alloy steel is using for making precious instrument?

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

**Answer: C) Invar steel**

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

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

**Answer: D) Hardness**

**27.** Which furnace is used to get pig iron from iron ore?

- A) Cupola
- B) Mild steel - Rever battery
- C) Blast furnace
- D) Electric furnace

**Answer: C) Blast furnace**

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

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

**Answer: B) Plasticity**

**29.** What is the other name of low carbon steel?

- A) Low alloy steel
- B) High alloy steel
- C) Mild steel
- D) High speed steel

**Answer: C) Mild steel**

**30.** Which one is non-metal?

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

**Answer: C) Graphite**