

## 09:07 AM

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Answer Key

**Duration: 100 Mins****Total Marks: 30****Q.ID: ITISKILL77395W**

1. Which alloy used in electric lamp as filament?

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

**Answer: D) Tungsten**

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

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

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

3. Which metal contains iron as a major content?

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

**Answer: C) Ferrous metal**

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

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

**Answer: D) Ductility**

5. Which one is non-metal?

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

**Answer: A) Graphite**

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

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

**Answer: B) Cupola**

7. What is the carbon percentage in low 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: C) 0.15% to 0.25%**

8. Which metal cannot be forged?

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

**Answer: D) Cast iron**

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

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

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

10. 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**

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

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

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

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

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

**Answer: B) Fusibility**

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

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

**Answer: D) Plasticity**

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

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

**Answer: C) Grey cast iron**

15. What is the other name of low carbon steel?

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

**Answer: C) Mild steel**

16. Which among the following is an insulator?

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

**Answer: D) Mica**

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

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

**Answer: C) Invar steel**

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

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

**Answer: A) Porcelain**

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

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

**Answer: D) Cobalt steel**

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

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

**Answer: D) Elasticity**

**21.** What is the name of the property of an insulation that should brake down or puncture on application of high voltage?

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

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

**22.** Which insulating material is used for making switches?

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

**Answer: A) Bakelite**

**23.** Which cast iron cannot be welded?

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

**Answer: A) White cast iron**

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

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

**Answer: A) Ductility**

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

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

**Answer: A) High carbon steel**

**26.** What metals contained in brass alloy?

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

**Answer: D) Copper and zinc**

**27.** Which is brittle metal?

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

**Answer: B) Cast iron**

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

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

**Answer: D) Silicon**

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

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

**Answer: C) Blast furnace**

**30.** What is the ore of aluminium?

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

**Answer: D) Bauxite**