

# ITI Quiz - 12-Feb-2026

## 09:25 PM

Q. ID: ITISKILL9606IY

February 2026

Question Paper

Duration: 30 Mins

Total Marks: 30

ID: ITISKILL9606IY

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

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

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

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

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

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

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

4. Which metal cannot be forged?

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

5. Which metal contains iron as a major content?

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

6. Which one is non-metal?

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

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

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

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

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

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

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

10. What is the ore of aluminium?

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

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

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

12. Which among the following is an insulator?

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

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

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

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

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

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

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

16. Which is brittle metal?

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

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

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

18. What metals contained in brass alloy?

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

19. Which mechanical property of a metal offers resistance to

elastic deformation in a cutting tool?

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

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

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

21. Which insulating material is used for making switches?

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

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

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

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

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

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

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

25. Which cast iron cannot be welded?

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

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

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

27. Which insulator is used in over head lines?

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

28. Which alloy used in electric lamp as filament?

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

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

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

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

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