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Score: 20/25 (80.00%)

Code: 6055

1. Which metal contains iron as a major content?

- A) Brass metal
B) Bronze metal
C) Zinc
D) **Ferrous metal (Correct)**

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

- A) Ferrous metals
B) **Non-ferrous metals (Correct)**
C) Insulating metals
D) Non-Insulating metals

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

- A) Fusibility (Incorrect)
B) **Ductility**
C) Corrosion
D) Structure

4. Which is brittle metal?

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

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

- A) Ductility
B) Malleability
C) **Hardness (Correct)**
D) Toughness

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

- A) Elasticity
B) **Plasticity (Correct)**
C) Ductility
D) Brittleness

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

- A) Malleability
B) Tenacity
C) **Elasticity (Correct)**
D) Plasticity

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

- A) Conductivity
B) Malleability
C) **Fusibility (Correct)**
D) Tenacity

9. Which alloy used in electric lamp as filament?

- A) Cobalt
B) Vanadium
C) **Tungsten**
D) Silicon (Incorrect)

10. What metals contained in brass alloy?

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

11. Which cast iron cannot be welded?

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

12. Which metal cannot be forged?

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

20. What is the ore of aluminium?

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

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

- A) Ductility (Correct)** B) Malleability
C) Hardness D) Brittleness

22. Which among the following is an insulator?

- A) Copper B) Aluminium
C) Silver **D) Mica (Correct)**

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

- A) Silicon steel B) Manganese steel
C) Vanadium steel **D) Cobalt steel (Correct)**

24. Which insulator is used in over head lines?

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

25. Which insulating material is used for making switches?

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