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Score: 19/25 (76.00%)

Code: 3469

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 (Incorrect) B) **Non-ferrous metals**
C) Insulating metals D) Non-Insulating metals
3. Which one of the following properties is the mechanical properties of metal?
A) Fusibility B) **Ductility (Correct)**
C) Corrosion D) Structure
4. Which is brittle metal?
A) **Cast iron (Correct)** B) Steel
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 (Correct)** D) Silicon
10. What metals contained in brass alloy?
A) Copper and aluminium B) Copper and lead
C) **Copper and zinc** D) Copper and tin (Incorrect)
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 (Correct)** B) White cast iron
C) Malleable cast iron D) Wrought iron
14. Which furnace is used to get pig iron from iron ore?
A) Mild steel - Rever battery (Incorrect) B) Electric furnace
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 (Incorrect) D) **Mild steel**
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% (Incorrect) D) **0.50% to 1.50%**

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** B) Malleability
C) Hardness (Incorrect) 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