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Score: 17/25 (68.00%)

Code: 1696

1. Which metal contains iron as a major content?

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

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  
C) Mild steel      D) Alloy steel (Incorrect)

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 (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 (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      B) Electric furnace  
**C) Blast furnace**      D) Cupola (Incorrect)

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%**  
C) 0.25% to 0.50%      D) 0.50% to 1.50% (Incorrect)

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

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

20. What is the ore of aluminium?

- A) Hematite  
**C) Bauxite**
- B) Mallatite (Incorrect)  
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)**  
C) Hardness
- B) Malleability  
D) Brittleness

22. Which among the following is an insulator?

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

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

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

24. Which insulator is used in over head lines?

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

25. Which insulating material is used for making switches?

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