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Score: 16/25 (64.00%)

Code: 1244

1. Which one is non-metal?

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

2. Which metal contains iron as a major content?

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

3. 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

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

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

5. Which is brittle metal?

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

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

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

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

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

8. 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

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

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

10. Which alloy used in electric lamp as filament?

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

11. What metals contained in brass alloy?

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

12. Which cast iron cannot be welded?

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

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 (Incorrect)
C) Blast furnace D) Cupola

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

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

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

- A) Low alloy steel (Incorrect) B) High alloy steel
C) High speed steel 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% **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 (Incorrect)

D) Mica

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

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

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

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

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

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