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Score: 20/25 (80.00%)

Code: 9042

1. Which one is non-metal?

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

2. Which metal contains iron as a major content?

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

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

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

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

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

5. Which is brittle metal?

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

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

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

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

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

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

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

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

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

10. Which alloy used in electric lamp as filament?

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

11. What metals contained in brass alloy?

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

12. Which cast iron cannot be welded?

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

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

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

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

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

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

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

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

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

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

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

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

- A) 0.02% to 0.03%
C) 0.25% to 0.50%
B) 0.15% to 0.25% (Correct)
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 rubber is used as insulator for power cables and control wires?

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

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

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

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