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Score: 20/25 (80.00%)

Code: 0809

1. Which one is non-metal?

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

2. Which metal contains iron as a major content?

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

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 (Correct)
D) Brittleness

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
C) Blast furnace (Correct)
B) Electric furnace
D) Cupola

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

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

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

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

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

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

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

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

B) Malleability

C) Hardness

D) Brittleness (Incorrect)

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 (Incorrect)

C) Silicon

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