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Score: 23/30 (76.67%)

Code: 8902

1. Which one is non-metal?

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

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

2. Which metal contains iron as a major content?

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

11. What metals contained in brass alloy?

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

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

12. Which cast iron cannot be welded?

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

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

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

13. Which metal cannot be forged?

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

5. Which is brittle metal?

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

14. 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

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

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

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

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

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

16. 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

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

17. 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)**

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

- A) Conductivity (Incorrect)
 B) Malleability
 C) **Fusibility**
 D) Tenacity

18. 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%

10. Which alloy used in electric lamp as filament?

19. 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%

20. 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)**

21. What is the ore of aluminium?

- A) Hematite B) Mallatite
C) Bauxite D) Lemonite (Incorrect)

22. 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

23. Which among the following is an insulator?

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

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

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

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

- A) Silicon steel B) Manganese steel

C) Vanadium steel

D) Cobalt steel (Correct)

26. Which insulator is used in over head lines?

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

27. Which insulating material is used for making switches?

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

28. What is the name of the property of an insulation that should brake down or puncture on application of high voltage?

- A) Di-electric strength** B) Specific resistance (Incorrect)
C) Mechanical strenth D) Non absorption

29. Which alloy steel is using for making precious instrument?

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

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

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