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**Score: 29/30 (96.67%)**

**Code: 2537**

1. Which one is non-metal?

- A) Mercury  
 B) **Graphite (Correct)**  
 C) Brass  
 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 (Correct)**  
 B) Steel  
 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  
 B) Malleability  
 C) **Fusibility (Correct)**  
 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 (Correct)**      D) Lemonite

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 (Incorrect)      B) PVC  
**C) Bakelite**      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 (Correct)**      B) Specific resistance  
C) Mechanical strenth      D) Non absorption

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

- A) Silicon steel      B) Manganese steel  
**C) Invar steel (Correct)**      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 (Correct)**      D) Stainless steel