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Score: 12/30 (40.00%)

Code: 8590

1. Which one is non-metal?

- A) Mercury (Incorrect)      **B) Graphite**  
 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 (Incorrect)      **B) White cast iron**  
 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**  
 C) Corrosion (Incorrect)      D) Structure

13. Which metal cannot be forged?

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

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 (Incorrect)**  
**C) Hardness**      D) Toughness

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

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

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

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

16. 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

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**      **D) Plasticity (Incorrect)**

17. 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**

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

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

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

- A) 0.05% to 0.15%      **B) 0.15% to 0.25% (Incorrect)**  
**C) 0.25% to 0.5%**      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% (Incorrect)      **B) 0.15% to 0.25%**  
 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% (Incorrect)    **D) 0.50% to 1.50%**

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**      B) Malleability  
C) Hardness (Incorrect)      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 (Incorrect)  
**C) Silicon**      D) Nitrite butadiene

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

- A) Silicon steel      B) Manganese steel (Incorrect)

C) Vanadium steel

**D) Cobalt steel**

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 (Incorrect)  
**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