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Score: 3/20 (15.00%)

Code: 2507

1. Which one is non-metal?

- A) Mercury
C) Brass (Incorrect)
- B) Graphite**
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 (Incorrect)
C) Insulating metals
- B) Non-ferrous metals**
D) Non-Insulating metals

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

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

5. Which is brittle metal?

- A) Cast iron**
C) Mild steel (Incorrect)
- 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
- B) Tenacity (Incorrect)
D) Plasticity

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

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

10. Which alloy used in electric lamp as filament?

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

11. What metals contained in brass alloy?

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

12. Which cast iron cannot be welded?

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

13. Which metal cannot be forged?

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

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

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

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

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

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

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

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

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

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

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

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

- A) 0.02% to 0.03%
C) 0.25% to 0.50% (Incorrect)
- B) 0.15% to 0.25%**
D) 0.50% to 1.50%

20. What is the carbon percentage in high 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%
