

Student: **ROSHAN. Jogi**

Score: **6/20 (30.00%)**

Code: **6662**

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 (Incorrect)
D) Ferrous metal

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 (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 (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
D) Nodular cast iron (Incorrect)

13. Which metal cannot be forged?

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

14. 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

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

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

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

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

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

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

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

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

19. What is the carbon percentage in low 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%

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%**
