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GOVT ITI PERDOOR

Question Paper

Duration: 30 Mins

Total Marks: 25

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Student Name: \_\_\_\_\_ Roll No: \_\_\_\_\_

1. Which alloy used in electric lamp as filament?

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

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

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

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

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

4. Which property of a metal enables it by which it can be drawn out into wires under tension without rupture?

- A) Brittleness                      B) Malleability  
C) Hardness                         D) Ductility

5. Which cast iron cannot be welded?

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

6. Which property of metal has its power of returning to its original shape after the applied force is released?

- A) Elasticity                         B) Malleability  
C) Tenacity                         D) Plasticity

7. Which insulating material is used for making switches?

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

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

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

9. Which among the following is an insulator?

- A) Aluminium                      B) Mica  
C) Silver                             D) Copper

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

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

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

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

12. Which metal contains iron as a major content?

- A) Brass metal                         B) Ferrous metal  
C) Bronze metal                         D) Zinc

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

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

14. Which insulator is used in over head lines?

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

15. What is the carbon percentage in high carbon steel?

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

16. What metals contained in brass alloy?

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

17. Which metal cannot be forged?

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

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

- A) Ductility                         B) Fusibility  
C) Structure                         D) Corrosion

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

- A) Brittleness
- C) Elasticity

- B) Plasticity
- D) Ductility

- A) Toughness
- C) Ductility

- B) Hardness
- D) Malleability

20. Which is brittle metal?

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

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

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

22. Which mechanical property of a metal offers resistance to elastic deformation in a cutting tool?

23. What is the name of the metal which do not contain iron?

- A) Non-ferrous metals
- C) Insulating metals
- B) Ferrous metals
- D) Non-Insulating metals

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

- A) Silicon steel
- C) Cobalt steel
- B) Vanadium steel
- D) Manganese steel

25. What is the ore of aluminium?

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