

March 2026

GOVT ITI PERDOOR

Question Paper

Duration: 30 Mins

Total Marks: 20

ID: ITISKILL7683IT

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| Student Name: _____ | Roll No: _____ |
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1. What is the other name of low carbon steel?

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

2. Which cast iron cannot be welded?

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

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

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

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

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

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

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

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

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

7. Which one is non-metal?

- A) Iron
- B) Graphite
- C) Brass
- D) Mercury

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

- A) Plasticity
- B) Elasticity
- C) Ductility
- D) Brittleness

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

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

10. Which alloy used in electric lamp as filament?

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

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

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

12. What metals contained in brass alloy?

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

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

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

14. Which metal contains iron as a major content?

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

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

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

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

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

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

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

18. Which metal cannot be forged?

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

19. Which is brittle metal?

- A) Cast iron
 - B) Alloy steel
 - C) Mild steel
 - D) Steel
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20. Which metal is widely used for making casting of machinery parts?

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