

ITI Quiz - 16-May-2026

11:14 AM

Q. ID: ITISKILL8475WM

May 2026

Question Paper

Duration: 30 Mins

Total Marks: 30

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Student Name: _____ Roll No: _____

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

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

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

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

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

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

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

3. Which alloy steel is using for making precious instrument?

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

12. Which metal contains iron as a major content?

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

4. Which metal cannot be forged?

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

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

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

5. Which steel is used for making files and cold chisel?

- A) Low carbon steel
- B) Midium carbon steel
- C) Stainless steel
- D) High carbon steel

14. Which among the following is an insulator?

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

6. What metals contained in brass alloy?

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

15. Which insulating material is used for making switches?

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

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

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

16. Which one is non-metal?

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

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

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

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

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

9. What is the name of the property of an insulation that should brake down or puncture on application of high voltage?

- A) Mechanical strenth
- B) Non absorption
- C) Specific resistance
- D) Di-electric strength

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

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

10. Which insulator is used in over head lines?

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

- A) White cast iron B) Grey cast iron
C) Malleable cast iron D) Wrought iron
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20. Which alloy used in electric lamp as filament?

- A) Vanadium B) Cobalt
C) Tungsten D) Silicon
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21. Which is brittle metal?

- A) Cast iron B) Mild steel
C) Steel D) Alloy steel
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22. Which rubber is used as insulator for power cables and control wires?

- A) Butyl B) Hypalone
C) Nitrite butadiene D) Silicon
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23. Which alloy steel is used to make permanent magnets?

- A) Silicon steel B) Manganese steel
C) Cobalt steel D) Vanadium steel
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24. Which property of material enables to formation of permanent deformation without fracture?

- A) Ductility B) Brittleness
C) Plasticity D) Elasticity
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25. Which mechanical property of a metal offers resistance to

elastic deformation in a cutting tool?

- A) Malleability B) Hardness
C) Ductility D) Toughness
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26. Which property of metal has its power of returning to its original shape after the applied force is released?

- A) Elasticity B) Tenacity
C) Plasticity D) Malleability
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27. Which property of a metal possessed by it melts when heat is applied?

- A) Fusibility B) Conductivity
C) Tenacity D) Malleability
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28. What is the name of the metal which do not contain iron?

- A) Ferrous metals B) Insulating metals
C) Non-Insulating metals D) Non-ferrous metals
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29. Which cast iron cannot be welded?

- A) Grey cast iron B) White cast iron
C) Malleable cast iron D) Nodular cast iron
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30. What is the ore of aluminium?

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