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ITI Quiz - 17-Mar-2026 11:35 AM

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Attempt No.	#1	Completion Time	01:36 PM
Rank	#3	Total Questions	30

12 SCORE

30 MAX MARKS

12 CORRECT

18 INCORRECT

Answer Review

Q1 **INCORRECT** Which one is non-metal?

A. Mercury

B. Graphite

C. Brass

D. Iron

Q2 **CORRECT** Which metal contains iron as a major content?

A. Brass metal

B. Bronze metal

C. Zinc

D. Ferrous metal

Q3 **CORRECT** What is the name of the metal which do not contain iron?

A. Ferrous metals

B. Non-ferrous metals

C. Insulating metals

D. Non-Insulating metals

Q4 **INCORRECT** Which one of the following properties is the mechanical properties of metal?

A. Fusibility

B. Ductility

C. Corrosion

D. Structure

Q5 **CORRECT** Which is brittle metal?

A. Cast iron

B. Steel

C. Mild steel

D. Alloy steel

Q6 **INCORRECT** Which mechanical property of a metal offers resistance to elastic deformation in a cutting tool?

A. Ductility

B. Malleability

C. Hardness

D. Toughness

Q7 **INCORRECT** Which property of material enables to formation of permanent deformation without fracture?

A. Elasticity

B. Plasticity

C. Ductility

D. Brittleness

Q8 **INCORRECT** Which property of metal has its power of returning to its original shape after the applied force is released?

A. Malleability

B. Tenacity

C. Elasticity

D. Plasticity

Q9 **INCORRECT** Which property of a metal possessed by it melts when heat is applied?

A. Conductivity

B. Malleability

C. Fusibility

D. Tenacity

Q10 **CORRECT** Which alloy used in electric lamp as filament?

A. Cobalt

B. Vanadium

C. Tungsten

D. Silicon

Q11 **CORRECT** What metals contained in brass alloy?

A. Copper and aluminium

B. Copper and lead

C. Copper and zinc

D. Copper and tin

Q12 **INCORRECT** Which cast iron cannot be welded?

A. Grey cast iron

B. White cast iron

C. Malleable cast iron

D. Nodular cast iron

Q13 **INCORRECT** Which metal cannot be forged?

A. Alloy steel

B. Mild steel

C. Steel

D. Cast iron

Q14 **CORRECT** Which metal is widely used for making casting of machinery parts?

A. Grey cast iron

B. White cast iron

C. Malleable cast iron

D. Wrought iron

Q15 **INCORRECT** Which furnace is used to get pig iron from iron ore?

A. Mild steel - Rever battery

B. Electric furnace

C. Blast furnace

D. Cupola

Q16 **INCORRECT** What is the name of furnace to obtained cast iron?

A. Cupola

B. Mild steel - Blast furnace

C. Steel - Rever battery

D. Alloy metal - Electric furnace

Q17 **INCORRECT** What is the other name of low carbon steel?

A. Low alloy steel

B. High alloy steel

C. High speed steel

D. Mild steel

Q18 **INCORRECT** What is the carbon percentage in medium carbon steel?

A. 0.05% to 0.15%

B. 0.15% to 0.25%

C. 0.25% to 0.5%

D. 0.5% to 1.5%

Q19 **INCORRECT** 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%

D. 0.50% to 1.50%

Q20 **INCORRECT** 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%

D. 0.50% to 1.50%

Q21 **CORRECT** What is the ore of aluminium?

A. Hematite

B. Mallatite

C. Bauxite

D. Lemonite

Q22 **INCORRECT** Which property of a metal enables it by which it can be drawn out into wires under tension without rupture?

A. Ductility

B. Malleability

C. Hardness

D. Brittleness

Q23 **CORRECT** Which among the following is an insulator?

A. Copper

B. Aluminium

C. Silver

D. Mica

Q24 **INCORRECT** Which rubber is used as insulator for power cables and control wires?

A. Butyl

B. Hypalone

C. Silicon

D. Nitrite butadiene

Q25 **INCORRECT** Which alloy steel is used to make permanent magnets?

A. Silicon steel

B. Manganese steel

C. Vanadium steel

D. Cobalt steel

Q26 **CORRECT** Which insulator is used in over head lines?

A. Mica

B. Rubber

C. P.V.C

D. Porcelain

Q27 **INCORRECT** Which insulating material is used for making switches?

A. Porcelain

B. PVC

C. Bakelite

D. Ebonite

Q28 **CORRECT** What is the name of the property of an insulation that should brake down or puncture on application of high voltage?

A. Di-electric strength

B. Specific resistance

C. Mechanical strenth

D. Non absorption

Q29 **CORRECT** Which alloy steel is using for making precious instrument?

A. Silicon steel

B. Manganese steel

C. Invar steel

D. Vanadium

Q30 **CORRECT** Which steel is used for making files and cold chisel?

A. Low carbon steel

B. Midium carbon steel

C. High carbon steel

D. Stainless steel