

GOVT ITI PERDOOR

WORKSHOP CALCULATION

Q. ID: ITISKILL4912TT | March 2026

96.00% 24 / 25

Student Name	Nidhith naik	Access Code	7684
Attempt No.	#1	Completion Time	11:12 AM
Rank	#6	Total Questions	25

24 SCORE

25 MAX MARKS

24 CORRECT

1 INCORRECT

Answer Review

Q1 **CORRECT** Which metal contains iron as a major content?

A. Brass metal

B. Bronze metal

C. Zinc

D. Ferrous metal ☒

Q2 **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

Q3 **CORRECT** Which one of the following properties is the mechanical properties of metal?

A. Fusibility

B. Ductility ☒

C. Corrosion

D. Structure

Q4 **CORRECT** Which is brittle metal?

A. Cast iron ☒

B. Steel

C. Mild steel

D. Alloy steel

Q5 **INCORRECT** Which mechanical property of a metal offers resistance to elastic deformation in a cutting tool?

A. Ductility

B. Malleability ☒

C. Hardness ☒

D. Toughness

Q6 **CORRECT** Which property of material enables to formation of permanent deformation without fracture?

A. Elasticity

B. Plasticity ☒

C. Ductility

D. Brittleness

Q7 **CORRECT** 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

Q8 **CORRECT** Which property of a metal possessed by it melts when heat is applied?

A. Conductivity

B. Malleability

C. Fusibility ☒

D. Tenacity

Q9 **CORRECT** Which alloy used in electric lamp as filament?

A. Cobalt

B. Vanadium

C. Tungsten ☒

D. Silicon

Q10 **CORRECT** What metals contained in brass alloy?

A. Copper and aluminium

B. Copper and lead

C. Copper and zinc ☒

D. Copper and tin

Q11 **CORRECT** Which cast iron cannot be welded?

- A. Grey cast iron
- B. White cast iron ☒
- C. Malleable cast iron
- D. Nodular cast iron

Q12 **CORRECT** Which metal cannot be forged?

- A. Alloy steel
- B. Mild steel
- C. Steel
- D. Cast iron ☒

Q13 **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

Q14 **CORRECT** Which furnace is used to get pig iron from iron ore?

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

Q15 **CORRECT** 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

Q16 **CORRECT** What is the other name of low carbon steel?

A. Low alloy steel

B. High alloy steel

C. High speed steel

D. Mild steel ☐

Q17 **CORRECT** 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%

Q18 **CORRECT** 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%

Q19 **CORRECT** 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% ☒

Q20 **CORRECT** What is the ore of aluminium?

A. Hematite

B. Mallatite

C. Bauxite ☒

D. Lemonite

Q21 **CORRECT** 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

Q22 **CORRECT** Which among the following is an insulator?

A. Copper

B. Aluminium

C. Silver

D. Mica ☒

Q23 **CORRECT** Which alloy steel is used to make permanent magnets?

- A. Silicon steel
- B. Manganese steel
- C. Vanadium steel
- D. Cobalt steel** ☒

Q24 **CORRECT** Which insulator is used in over head lines?

- A. Mica
- B. Rubber
- C. P.V.C
- D. Porcelain** ☒

Q25 **CORRECT** Which insulating material is used for making switches?

- A. Porcelain
- B. PVC
- C. Bakelite** ☒
- D. Ebonite