

# GOVT ITI PERDOOR

## WORKSHOP CALCULATION

Q. ID: ITISKILL4912TT | March 2026

96.00% 24 / 25

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|--------------|---------------|-----------------|----------|
| Student Name | Vishnu prasad | Access Code     | 3485     |
| Attempt No.  | #1            | Completion Time | 11:08 AM |
| Rank         | #5            | 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** **CORRECT** 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** **INCORRECT** Which insulating material is used for making switches?

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