

Unit - III Non Ferrous Materials & Powder Metallurgy 2 marks

- 1) State the Properties of Copper (Any Four)
- 2) State the Properties of Aluminium (Any Four)
- 3) State composition of Brass and Muntz metal
- 4) What are Different types of Copper Alloys?

4 mark questions.

- 1) State Uses of Copper.
- 2) State the Properties of Bronze.
- 3) State the types of Bronze.
- 4) State the Uses of Aluminium.
- 5) State the properties of bearing materials

Unit - IV Non Metallic Materials & Advanced Materials 2 marks

- 1) Define Monomer and Polymer.
- 2) State Types of Thermoplastic materials.
- 3) State Types of Thermosetting materials.
- 4) State Types of Rubber.

4 marks questions

- 1) Differentiate between thermoplastic and thermosetting plastic
- 2) State the properties of ABS.
- 3) State the Properties of Epoxides
- 4) State the Properties of Rubber.
- 5) State the Properties of Ceramics.
- 6) State the Properties of Composite Materials.
- 7) State the Types of Smart materials

Unit - V Heat Treatment processes 2 marks questions

- 1) State Types of Annealing.
- 2) State Types of Furnace.

4 marks questions

1. State Objectives of Heat treatment process.
2. Differentiate between Annealing and Normalizing.
3. State Purpose of Tempering.
4. State purpose of Hardening.