

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

**B.Tech.(ME) (E-I 2011 Onwards) (Sem.-6)**

**MATERIAL MANAGEMENT**

Subject Code : DE/ME-2.7

Paper ID : [A2418]

Time : 3 Hrs.

Max. Marks : 60

**INSTRUCTION TO CANDIDATES :**

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

**SECTION-A**

**Q1 Answer briefly :**

- a) What do you understand by Material Management?
- b) Define integrated material management.
- c) How materials are classified in an organization?
- d) Define inventory.
- e) Enumerate the elements of MRP-I.
- f) What is the criteria for inventory management in VED inventory control management system?
- g) Enumerate the benefits of computers in inventory control.
- h) Enumerate functions of purchasing.
- i) Enumerate the steps involved in procedure for import.
- j) Define store accounting.

### SECTION-B

- Q2 Elaborate the factors affecting material planning.
- Q3 Explain various techniques of materials budgeting.
- Q4 Explain the Fixed order, Two bin and Kardex systems for inventory control.
- Q5 Write short note on purchasing principles, procedures and systems.
- Q6 How an organization can evaluate the inventory control performance?

### SECTION-C

- Q7 Describe the concept of Economic order quantity. Explain the assumptions for developing the EOQ model and derive the expression for EOQ.
- Q8 a) How material management function is related with other organizational functions in an organization?
- b) What are various types of inventories involved in an organization? Elaborate.
- Q9 a) Discuss the salient features of VED inventory control tool for inventory management.
- b) Discuss the steps involved in management of surplus, scrap and obsolete items in an organization.