Roll No. Total No. of Pages : 02

**Total No. of Questions: 09** 

B.Tech.(Automation & Robotics) (2011 Batch E-II)/ B.Tech.(ME) (2011 Onwards E-II) (Sem.-7,8) MATERIAL MANAGEMENT

Subject Code : DE/ME-2.7

M.Code : 71812

Time: 3 Hrs. Max. Marks: 60

## **INSTRUCTION TO CANDIDATES:**

- 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

# 1. Write briefly:

- a. State the factors that influence the vendor rating.
- b. Write ant three benefits of codification in store management.
- c. What are the considerations in make or buy decisions?
- d. What are the factors governing drawing up of materials budget?
- e. What is the responsibility of purchase department?
- f. Define Material Control.
- g. Define operational efficiency.
- h. Define Materials Planning.
- i. What is meant by JIT?
- j. Define Inventory Control

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### **SECTION-B**

- 2. "Materials management plays important role in optimization of overall profitability of any firm". Elaborate.
- 3. Explain signification of 'Standardization' of Materials. What are the advantages and disadvantages of Standardization?
- 4. What are the major inputs to a 'MRP' system? Explain with examples.
- 5. A vendor submits 20 lots, 18 are accepted and the total fraction of product accepted is 78%. What will be its rating? If a vendor submits one perfect lot, what will be its rating? Discuss the results obtained in two cases.
- 6. Write short notes on Two bin and Kardex system.

### **SECTION-C**

- 7. What is the basic premise of 'ABC' Analysis? Explain steps for making 'ABC' Analysis. Give examples.
- 8. Explain the following:
  - a. Safety stock
  - b. Material Handling system
  - c. MRP system
- 9. Explain in details about the stores accounting and stock verification systems.

NOTE: Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.

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