

2056
B. Voc. (Logistic Management) FYUP
Second Semester
BLM-203: Warehouse Management

Time allowed: 3 Hours

Max. Marks: 80

NOTE: Attempt five questions in all, including Question No. 1 which is compulsory and selecting one question from each Unit.

x-x-x

I. Attempt any four of the following:

- a) Explain the need for warehousing in supply chain management.
- b) List main issues affecting warehousing operations.
- c) Define MRO inventory and state its purpose
- d) Explain uncertainties affecting material management.
- e) State principles of warehouse sequencing and slotting.
- f) Analyze RFID applications in material handling covering implementation challenges and benefits. (4x4)

UNIT - I

- II. Explain warehouse decision-making process covering planning, design, and implementation stages. (16)
- III. Explain warehouse operations covering receiving, storage, order picking, and dispatch processes. (16)

UNIT - II

- IV. Discuss inventory costs including holding costs, ordering costs, and shortage costs with calculation methods. (16)
- V. Classify different types of inventory with their characteristics and management requirements. (16)

UNIT - III

- VI. Describe ABC inventory management approach and its application in warehouse operations. (16)
- VII. Analyze multi-echelon inventory management systems and single network approaches. (16)

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(2)

UNIT - IV

- VIII. Describe congestion management techniques and effective performance monitoring systems for material handling. (16)
- IX. Discuss bar coding technology and its integration with material handling systems for inventory tracking. (16)

x-x-x