

School of Business**Master of Business Administration MBA LSCM
Semester End Examination - Jul 2024**

Duration : 180 Minutes
Max Marks : 100

Sem III - MBL6006 - Warehouse ManagementGeneral Instructions

Answer to the specific question asked

Draw neat, labelled diagrams wherever necessary

Approved data hand books are allowed subject to verification by the Invigilator

- 1) What are some common materials handling equipment used in warehouse operations, and how do they contribute to improving efficiency? K1(2)
- 2) Explain how can proper utilization of Materials Handling Equipment lead to cost savings in warehouse operations? K2(4)
- 3) Conclude the security of warehouse using automatic identification by RFID. K2(6)
- 4) Construct a plan for implementing RFID technology in a warehouse, including the necessary hardware and software requirements. K3(9)
- 5) Consider any mode of transportation of your choice and apply hub-spoke model. K3(9)
- 6) Illustrate the role of automation in warehouse management and its impact on employment and job roles. K5(10)
- 7) Establish the selection of appropriate Materials Handling Equipment impact warehouse productivity? K4(12)
- 8) Create a proposal for implementing a warehouse slotting system that maximizes the use of vertical space in high-rise storage facilities. K5(15)
- 9) Validate the impact of carrying excessive safety stock on a company's cash flow and profitability. K5(15)
- 10) Case Study Scenario: Optimizing Inventory Levels in a Retail Supply Chain Challenge: A retail chain is facing inventory management challenges due to fluctuating customer demand and supply chain disruptions. Excessive inventory levels lead to increased carrying costs and a lack of product availability, while low inventory levels result in stockouts and lost sales opportunities. Explain how the DSS features and functionalities are used in the scenario to achieve the desired outcome. K6(18)