

**MMPL-002**

**Master of Business Administration (Logistics and Supply Chain  
Management) (MBA LS)/ Master of Business Administration  
(Construction Management) (MBA CN)**

**ASSIGNMENT**

**For**

**July 2025 Sessions and January 2026**

**MMPL-002: Inventory and Stores Management**

**(Last date of submission for July 2025 sessions is 31<sup>st</sup> October, 2025  
and January 2026 session is 30<sup>th</sup> April, 2026)**

**School of Engineering & Technology  
INDIRA GANDHI NATIONAL OPEN UNIVERSITY  
MAIDAN GARHI, NEW DELHI – 110 068**



## ASSIGNMENT

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<b>Course Code</b>	<b>:</b>	<b>MMPL-002</b>
<b>Course Title</b>	<b>:</b>	<b>Inventory and Stores Management</b>
<b>Assignment Code</b>	<b>:</b>	<b>MMPL-002/TMA/JUL/2025</b>
<b>Coverage</b>	<b>:</b>	<b>All Blocks</b>

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**Note: Attempt all the questions and submit this assignment to the coordinator of your study centre. Last date of submission for July 2025 session is 31<sup>st</sup> October, 2025 and January 2026 session is 30<sup>th</sup> April, 2026.**

1. Define inventory and explain its types, functions, and significance in supply chain operations. Discuss how effective inventory control contributes to cost efficiency, customer satisfaction, and operational continuity.
2. What is the Economic Order Quantity (EOQ)? Derive the EOQ formula with assumptions and explain how it helps in minimizing the total inventory cost. Illustrate with a numerical example.
3. Describe the concepts of Material Requirements Planning (MRP-I) and Manufacturing Resource Planning (MRP-II). How do these systems enhance inventory accuracy and production alignment? Highlight key differences between the two.
4. Discuss the essential functions of stores management including receipt, inspection, storage, issue, and record-keeping. Explain how systematic stores operations ensure transparency, loss prevention, and audit readiness.
5. Write short notes on any two of the following:
  - a. ABC and VED Analysis
  - b. Buffer Stock vs. Reorder Level
  - c. Warehousing Safety and Security Measures
  - d. Legal Framework Governing Warehousing Operations