

JAIPURIA INSTITUTE OF MANAGEMENT, NOIDA
PGDM / PGDM (M) / PGDM (SM)
FIFTH TRIMESTER (Batch 2023-25)
END TERM EXAMINATIONS, JANUARY 2025
MAINS

Course Name	LOGISTICS MANAGEMENT	Course Code	20526
Max. Time	2 hours	Max. Marks	40 MM

INSTRUCTIONS:

- This is a closed book examination.
- Attempt all questions.
- Answers should be rich in content, pointwise. Avoid unnecessarily long answers.

Q1 Warehousing is an integral part of the supply chain and logistics management.

- Discuss the concept of public, private, and bonded warehouses, highlighting the differences in their ownership, functions, and advantages.
- Elaborate the key factors that influence warehouse layout design and how it impacts operational efficiency and inventory management.

(Marks 4 + 4)

Q2

- Discuss and differentiate between Unimodal, Intermodal and Multi-modal transport? Give one suitable example for each of the above terms, clearly determining the differentiation.
- Discuss any three network models in logistics and its advantages.

(Marks 4 + 4)

Q3

- Identify and critically analyze the major challenges which India needs to overcome so that they can improve their rankings in the Logistics Performance Index (LPI), a study conducted by World Bank (*Current rankings of India, 2018: 44th rank and 2016: 35th rank*)?
- 'Dedicated Freight Corridors' (DFC's) are well on their way to transform the way containers are transported in India, through rail, from the hinterland to the Ports. Elaborate upon the DFC's and what are the envisaged changes and outcomes?

(Marks 4 + 4)

Q4

- a) Explain the processes involved in inbound logistics, outbound logistics, and reverse logistics. Provide a detailed process flow for each, highlighting key activities and their impact on supply chain efficiency.
 - b) Discuss the concept and services provided by NVOCCs (Non-Vessel Operating Common Carrier). List their advantages in global shipping and logistics operations.
- (Marks 4 + 4)**

Q5

- a) Discuss 1PL, 2PL, 3PL, 4PL, and 5PL. Highlight the key differences in the services provided by 3PL and 4PL in modern logistics with examples.
- b) Explain the importance of Logistical Packaging. Discuss and evaluate the various types of packaging materials used in Logistics.

(Marks 4 + 4)