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NOIDA INSTITUTE OF ENGINEERING AND TECHNOLOGY, GREATER NOIDA
(An Autonomous Institute Affiliated to AKTU, Lucknow)

MBA

SEM: IV - THEORY EXAMINATION (2025 - 2026)

Subject: Logistics Management

Time: 3 Hours

Max. Marks: 100

General Instructions:

IMP: Verify that you have received the question paper with the correct course, code, branch etc.

1. This Question paper comprises of **three Sections -A, B, & C**. It consists of Multiple Choice Questions (MCQ's) & Subjective type questions.

2. Maximum marks for each question are indicated on right -hand side of each question.

3. Illustrate your answers with neat sketches wherever necessary.

4. Assume suitable data if necessary.

5. Preferably, write the answers in sequential order.

6. No sheet should be left blank. Any written material after a blank sheet will not be evaluated/checked.

SECTION-A

20

1. Attempt all parts:-

- (1.1) Prediction of future demand is known as _____. (CO1, K1) 1
- (a) Scheduling
- (b) Budgeting
- (c) Forecasting
- (d) Auditing
- (1.2) Efficient logistics contributes to _____ development. (CO1, K1) 1
- (a) Economic
- (b) Political
- (c) Personal
- (d) Cultural
- (1.3) Name the mode of transport that is the most suitable for international shipping of bulk goods over oceans. (CO2, K1) 1
- (a) Air
- (b) Water
- (c) Road
- (d) Rail
- (1.4) Name the fastest mode of transportation. (CO2, K1) 1
- (a) Rail transport
- (b) Water transport
- (c) Air transport
- (d) Pipeline transport

- (1.5) Transportation of goods across countries is known as ____ trade. (CO3, K1) 1
- (a) Domestic
 - (b) Local
 - (c) International
 - (d) Retail
- (1.6) The process of using containers for transport is called _____. (CO3, K1) 1
- (a) Packaging
 - (b) Containerization
 - (c) Forecasting
 - (d) Marketing
- (1.7) Name the type of transport that combines road, rail, sea, or air in one shipment.(CO4, K1) 1
- (a) Fixed transport
 - (b) Multi-modal transport
 - (c) Pipeline service
 - (d) Personal delivery
- (1.8) The evolution of multimodal transport increased global _____. (CO4, K1) 1
- (a) Farming
 - (b) Tourism only
 - (c) Trade
 - (d) Urban road routes
- (1.9) SEZ means _____ Economic Zone. (CO5, K1) 1
- (a) Small
 - (b) Simple
 - (c) Special
 - (d) Cruise
- (1.10) Full Container Load is written as _____. (CO5, K1) 1
- (a) LCL
 - (b) ICD
 - (c) FCL
 - (d) SEZ

2. Attempt all parts:-

- (2.1) List any two types of logistics. (CO1, K1) 2
- (2.2) Describe any two advantages of water mode of transport. (CO2, K2) 2
- (2.3) List two advantages of using standardized containers. (CO3, K2) 2
- (2.4) List the key elements of Basic Intermodal system. (CO4,K2) 2
- (2.5) Name any two factors affecting mode of transport choice. (CO5, K1) 2

SECTION-B

30

Answer any one of the following:-

- (3.1) Explain the objectives of Logistics Management. (CO1, K2) 6

(3.2)	Explain how logistics improves customer satisfaction. (CO1, K2)	6
Answer any one of the following:-		
(3.3)	Explain the importance of air transport in logistics. (CO2, K2)	6
(3.4)	Discuss the importance of Maritime transport.(CO2, K2)	6
Answer any one of the following:-		
(3.5)	Write a short note on container types. (CO3, K2)	6
(3.6)	Explain types and characteristics of cargo. (CO3, K2)	6
Answer any one of the following:-		
(3.7)	Describe the factors influencing development of multimodal transport. (CO4, K2)	6
(3.8)	Explain the role of containers in multimodal transport. (CO4, K2)	6
Answer any one of the following:-		
(3.9)	Explain factors affecting mode of transport selection. (CO5, K2)	6
(3.10)	Differentiate between LCL and FCL. (CO5, K2)	6
SECTION-C		50
4. Answer any <u>one</u> of the following:-		
(4.1)	A business wants to improve delivery speed and reduce transportation cost. Suggest how logistics supports better distribution channel management. (CO1, K3)	10
(4.2)	Explain different types of logistics: Inbound Logistics, Outbound Logistics, Reverse Logistics, Third Party Logistics (3PL), Fourth Party Logistics (4PL) with examples. (CO1, K2)	10
5. Answer any <u>one</u> of the following:-		
(5.1)	Discuss in detail the transportation costs associated with logistics. (CO2, K2)	10
(5.2)	A logistics firm wants to balance cost and speed in transport decisions. Explain how different transport modes help achieve this balance with suitable examples. (CO2, K3)	10
6. Answer any <u>one</u> of the following:-		
(6.1)	Explain Stowage and the key aspects of stowage. (CO3, K2)	10
(6.2)	A shipping company is facing frequent damage to goods during transport. As a logistics manager, suggest how containerization can solve this issue and improve safety. (CO3, K3)	10
7. Answer any <u>one</u> of the following:-		
(7.1)	A company is planning to improve supply chain efficiency using different transport modes. Explain how multimodal strategy helps achieve cost savings and better coordination. (CO4, K3)	10
(7.2)	A business wants faster delivery and fewer handling operations. Explain how features of multimodal transport help improve performance and reduce risk. (CO4, K3)	10
8. Answer any <u>one</u> of the following:-		
(8.1)	Explain liners, tramps, and specialized vessels with simple examples. (CO5, K2)	10
(8.2)	Explain rail transport vehicles and equipment used for goods movement. (CO5, K2)	10