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Printed Page:-2 **Subject Code:- AMIBA0604**

Roll. No:

NOIDA INSTITUTE OF ENGINEERING AND TECHNOLOGY, GREATER NOIDA
(An Autonomous Institute Affiliated to AKTU, Lucknow)
MBA (Integrated)
SEM: VI - THEORY EXAMINATION (2025 - 2026)
Subject: Introduction to Logistics & Supply Chain Management

Time: 2.5 Hours **Max. Marks: 60**

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 15

1. Attempt all parts:-

(1.1) Storage cost affects. (CO1, K1) 1

(a) Only storage
(b) Only inventory
(c) Only delivery
(d) Total cost

(1.2) Supply chain efficiency depends on. (CO2, K1) 1

(a) Coordination
(b) Isolation
(c) Delay
(d) Habit

(1.3) Strategic fit means. (CO3, K1) 1

(a) Isolation
(b) Delay
(c) Loss
(d) Alignment with strategy

(1.4) Name the vehicle type commonly used for short-distance road freight. (CO4, K1) 1

(a) Ship
(b) Van
(c) Cargo plane
(d) Train

(1.5) Performance metrics include. (CO5, K1) 1

(a) Only cost
(b) Only time
(c) Only quality
(d) Multiple factors

2. Attempt all parts:-

(2.1)	Explain logistics efficiency. (CO1, K2)	2
(2.2)	Explain any two risk mitigation strategies in supply chain. (CO2, K2)	2
(2.3)	Suggest any two criteria for supplier selection. (CO3, K3)	2
(2.4)	Discuss air cargo limitations. (CO4, K2)	2
(2.5)	Define lead time. (CO5, K2)	2

SECTION-B 15

3. Answer any three of the following:-

(3.1)	Discuss global logistics trends. (CO1, K2)	5
(3.2)	Discuss need of integration in supply chain. (CO2, K2)	5
(3.3)	Explain any five logistical driver with suitable examples. (CO3, K2)	5
(3.4)	Discuss cost and speed trade-offs. (CO4, K2)	5
(3.5)	Explain importance of demand forecasting in supply chain management. (CO5, K2)	5

SECTION-C 30

4. Answer any one of the following:-

(4.1)	Evaluate role of public-private partnership in logistics management. (CO1, K5)	6
(4.2)	Examine impact of high logistics cost on exports. (CO1, K4)	6

5. Answer any one of the following:-

(5.1)	Analyze the impact of west Asia conflict on supply chain management. (CO2, K3)	6
(5.2)	Evaluate need of sustainability in supply chain management. (CO2, K2)	6

6. Answer any one of the following:-

(6.1)	Examine challenges in achieving strategic fit in supply chain management. (CO3, K4)	6
(6.2)	Discuss strategic alliances in supply chain with suitable examples. (CO3, K2)	6

7. Answer any one of the following:-

(7.1)	Discuss advantages of pipeline transport. (CO4, K2)	6
(7.2)	Define freight rate. Discuss freight rate determination factors with examples. (CO4, K2)	6

8. Answer any one of the following:-

(8.1)	Critically analyze performance measurement systems in SCM. (CO5, K4)	6
(8.2)	Suggest strategies to reduce bullwhip effect in supply chains. (CO5, K3)	6