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NOIDA INSTITUTE OF ENGINEERING AND TECHNOLOGY, NIET BUSINESS SCHOOL GREATER NOIDA

(An Autonomous Institute Affiliated to AKTU, Lucknow)

Global PGDM

TRIMESTER: III - THEORY EXAMINATION (2024- 2025) (COP)

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

1. Attempt all parts:-

- | | | |
|------|---|----|
| 1-a. | The primary goal of supply chain management.CO1 | 15 |
| (a) | Maximizing profits | |
| (b) | Minimizing costs | |
| (c) | Maximizing customer value | |
| (d) | Minimizing production time | |
| 1-b. | Characteristic of a "pull" supply chain.CO2 | 1 |
| (a) | Production based on forecasted demand | |
| (b) | High inventory levels | |
| (c) | Reactive to customer demand | |
| (d) | Long lead times | |
| 1-c. | Cycle inventory exists in a supply chain because different stages exploit economies of scale to,CO3 | 1 |
| (a) | Lower total cost. | |
| (b) | Increase total cost | |
| (c) | Keeps total cost uniform | |
| (d) | All of the above | |
| 1-d. | A blockchain-based supply chain provides a record of all data that is,CO4 | 1 |
| (a) | Irrefutable | |

(b)	Questionable	
(c)	Multiple	
(d)	Comparable	
1-e.	The opportunities from globalization are often accompanied by.CO5	1
(a)	a lack of domestic opportunities.	
(b)	the need to eliminate the accounting function.	
(c)	significant additional risk.	
(d)	the need to eliminate the logistics function.	
2.	Attempt all parts:-	
2.a.	Describe the impact of globalization on supply chain management.CO3	2
2.e.	Companies have failed to gain from offshoring for two primary reasons: Name them.CO5	2
2.b.	Identify a key characteristic of sea transportation.CO2	2
2.c.	Write in short what is meant by, Sustainability CO3	2
2.d.	The digital transformation is being accelerated by three key technologies, name them.CO4	2
SECTION-B		15
3.	Answer any <u>three</u> of the following:-	
3-a.	Explain the concept of 'global logistics'.CO1	5
3.e.	Define uncertainties that are particularly relevant when designing global supply chains.CO5	5
3-b.	Analyze the primary challenges associated with sea transportation.CO2	5
3.c.	Explain Supply Chain.CO3	5
3.d.	Describe the technologies are used at present and planned in future in warehouse.CO4	5
SECTION-C		30
4.	Answer any <u>one</u> of the following:-	
4-a.	Describe a situation where a company used logistics to gain a competitive advantage.CO1	6
4-b.	Analyze how Amazon's supply chain management contributes to its market leadership.CO1	6
5.	Answer any <u>one</u> of the following:-	
5-a.	Optimize the intermodal transportation route for a shipment from China to Germany.CO3	6
5-b.	Develop a strategy to manage customs procedures for a company exporting to multiple countries.CO2	6
6.	Answer any <u>one</u> of the following:-	
6-a.	Assess the impact of a new trade regulation on the logistics operations of a global	6

retailer.CO4

6-b. Ensure compliance with different customs regulations in a global supply chain.CO2 6

7. Answer any one of the following:-

7-a. Endangered animals are monitored on real time basis with tracking devices. How such tracking is made possible? CO4 6

7-b. A multinational company had been facing risk of fraud during product ordering and logistics from another country. As a manager how do you think technology can assist the same? CO4 6

8. Answer any one of the following:-

8-a. Since 2018, the Walmart Foundation has invested more than \$20 million to strengthen smallholders in farmer producer organisations and farm yield in India. This is part of their sustainability commitment. Can you explain it relates to which sustainability framework? CO5 6

8-b. Starbucks invested in regenerative agriculture, reforestation, forest conservation and water replenishment in their supply chain. This relates to Starbucks sustainability efforts. Explain this measures their impact on which pillar of sustainability? CO5 6

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