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

(An Autonomous Institute Affiliated to AKTU, Lucknow)

PGDM

TRIMESTER: V - THEORY EXAMINATION (2024-2025)

Subject: Procurement & Inventory 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-a. | Name of the strategy involves manufacturing in-house rather than outsourcing.(CO1,K1) | 1 |
| | (a) Outsourcing
(b) Insourcing
(c) Third-party logistics
(d) Supplier collaboration | |
| 1-b. | Define the term lead time refer to.(CO2,K1) | 1 |
| | (a) The time taken to deliver finished goods to customers
(b) The time between placing an order and receiving it
(c) The time taken to manufacture goods
(d) The total time spent in supply chain processes | |
| 1-c. | ERP stand for.(CO3,K2) | 1 |
| | (a) Enterprise Resource Planning
(b) Efficient Resource Procurement
(c) Electronic Replenishment Process
(d) Enhanced Reporting Program | |
| 1-d. | Explain what is the focus of sustainable procurement.(CO4,K2) | 1 |
| | (a) Cost reduction | |

- (b) Environmentally responsible purchasing
- (c) Increasing order frequency
- (d) Reducing supplier collaboration
- 1-e. Mention the KPIs in procurement and inventory management.(CO5,K3) 1
 - (a) Key Performance Indicators
 - (b) Knowledge Performance Initiatives
 - (c) Key Procurement Investments
 - (d) Known Process Integrations
- 2. Attempt all parts:-
- 2.a. Explain how do sourcing strategies affect supply chain performance.(CO1,K4) 2
- 2.b. Discuss the concept of inventory carrying cost.(CO2,K2) 2
- 2.c. Examine e-procurement and its importance in modern supply chains.(CO3,K3) 2
- 2.d. Define global sourcing in the context of procurement.(CO4,K1) 2
- 2.e. Outlines the benefit benchmarking to procurement and inventory management.(CO5,K1) 2

SECTION-B

15

3. Answer any three of the following:-

- 3-a. Analyze the role of procurement in maintaining supply chain competitiveness.(CO1,K4) 5
- 3-b. Compare and contrast JIT and EOQ inventory management models.(CO2,K4) 5
- 3-c. Discuss the future trends in technology for inventory management and control.(CO3,K2) 5
- 3-d. Evaluate how do cultural differences affect supplier negotiations in global procurement.(CO4,K5) 5
- 3.e. Explain the role of inventory turnover ratio in evaluating inventory performance.(CO5,K2) 5

SECTION-C

30

4. Answer any one of the following:-

- 4-a. Evaluate the long-term benefits of strategic sourcing in global supply chains.(CO1,K5) 6
- 4-b. Analyze the factors influencing the success of make-or-buy decisions.(CO1,K4) 6

5. Answer any one of the following:-

- 5-a. Design an inventory management strategy for a retail business using JIT principles.(CO2,K5) 6
- 5-b. Evaluate the advantages and challenges of integrating EOQ with modern technologies.(CO2,K5) 6

6. Answer any one of the following:-

- 6-a. Evaluate the advantages and disadvantages of using ERP systems in inventory 6

management.(CO3,K5)

6-b. Discuss the role of sustainability considerations in technology-enabled procurement.(CO3,K2) 6

7. Answer any one of the following:-

7-a. Analyze the role of supplier evaluation in minimizing risks in global procurement.(CO4,K2) 6

7-b. Discuss how organizations can align global procurement strategies with environmental goals.(CO4,K2) 6

8. Answer any one of the following:-

8-a. Evaluate the role of cost-benefit analysis in procurement decision-making.(CO5,K5) 6

8-b. Analyze the challenges and solutions in implementing continuous improvement across supply chains.(CO5,K4) 6

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