

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

NOIDA INSTITUTE OF ENGINEERING AND TECHNOLOGY, NIET BUSINESS SCHOOL GREATER NOIDA
PGDM (Standard)

TRIMESTER-V THEORY EXAMINATION (2024-2025) (COP)

SUBJECT: PROCUREMENT AND INVENTORY MANAGEMENT

Time: 2Hrs.30 min

Max. Marks:60

General Instructions:

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

1. This Question paper comprises of three Sections -A, B, & C. It consists of Short type questions & 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. Define Inventory Management.(CO1,K1) | 1 |
| 1-b. Explain the importance of effective procurement and inventory management.(CO2,K2) | 1 |
| 1-c. Illustrate the concept of EOQ (Economic order Quantity) with a formula. (CO3,K4) | 1 |
| 1-d. Discuss the significance of technology in inventory control.(CO4,K2) | 1 |
| 1-e. Assess the role of sustainability in global procurement.(CO5,K5) | 1 |

2. Attempt all parts:-

- | | |
|--|---|
| 2.a. List the factors involved in supplier selection and evaluation.(CO1,K1) | 2 |
| 2.b. Differentiate between Just in time and Economic order Quantity models.(CO2,K2) | 2 |
| 2.c. Discuss the concept of VED analysis in inventory control.(CO3,K2) | 2 |
| 2.d. Explain the challenges of global sourcing in procurement.(CO4,K4) | 2 |
| 2.e. Propose a set of key performance Indicators for inventory management in retail business. (CO5,K5) | 2 |

SECTION – B**15**

3. Answer any **three** of the following-

- 3-a. Discuss the sourcing strategies: Make vs. Buy decisions.(CO1,K2) 5
- 3-b. Calculate the economic order quantity for material M. The following details are furnished:(CO2, K3) 5
- Annual usage = 90,000 units
 Buying cost per order = Rs 10
 Cost of carrying inventory = 10% of cost
 Cost per unit = Rs 50
- 3-c. Examine the role of supply chain management software in integrating procurement and inventory control. (CO3,K4) 5
- 3-d. Evaluate the legal and ethical considerations in global procurement.(CO4,K5) 5
- 3-e. Design a benchmarking framework for performance evaluation in inventory management.(CO5,K5) 5

SECTION – C**30****Case Let & Application Based**

4. Answer any **one** of the following-

- 4-a. Analyse the impact of effective supplier relationship management on procurement performance. (CO1,K4) 6
- 4-b. Evaluate the performance of negotiations in supplier relationship management.(CO1,K5) 6

5. Answer any **one** of the following-

- 5-a. Compute the safety stock for a given demand and lead time variability.(CO2,K3) 6
- 5-b. Critically assess the use of ABC analysis in inventory classification and control.(CO2,K5) 6

6. Answer any **one** of the following-

- 6-a. Discuss the integration of technology in inventory management with examples.(CO3,K2) 6
- 6-b. Compare the benefits of E-procurement over traditional procurement methods.(CO3,K4) 6

7. Answer any **one** of the following-

- 7-a. Explain the challenges faced in global procurement and their mitigation strategies(CO4,K2) 6
- 7-b. Evaluate the effectiveness of risk assessment techniques in inventory management.(CO4,K5) 6

8. Answer any **one** of the following-

- 8-a. Analyse the emerging trends in procurement and inventory management in the manufacturing sector.(CO5,K5) 6
- 8-b. Propose a continuous improvement plan for inventory management in an E-commerce business.(CO5,K5) 6