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

PGDM (Standard)**TRIMESTER-IV THEORY EXAMINATION (2024-2025)****Subject: Supply chain planning and Demand forecasting****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. List various component of supply chain. (CO1, K2) | 1 |
| 1-b. Explain risk management in supply chain. (CO2, K2) | 1 |
| 1-c. List component of agility. (CO3, K2) | 1 |
| 1-d. Explain demand in term of Supply chain. (CO4, K1) | 1 |
| 1-e. Define supply chain integration. (CO5, K2) | 1 |

2. Attempt all parts:-

- | | |
|---|---|
| 2.a. Explain supply chain management. (CO1, K2) | 2 |
| 2.b. Explain logistics. (CO2, K2) | 2 |
| 2.c. Explain demand forecasting in supply chain management. (CO3, K2) | 2 |
| 2.d. Explain the importance of planning in supply chain management. (CO4, K2) | 2 |
| 2.e. Define internal integration. (CO5, K2) | 2 |

SECTION – B**15****3. Answer any three of the following-**

- | | |
|--|---|
| 3-a. Explain objective of supply chain management. (CO1, K2) | 5 |
|--|---|

- 3-b. Explain various attributes of supply chain management. (CO2, K2) 5
- 3-c. Evaluate concept of agility in supply chain management. (CO3, K2) 5
- 3-d. Explain importance of demand forecasting. (CO4, K2) 5
- 3-e. Explain role of electronic integration in supply chain management. (CO5, K2) 5

SECTION – C

30

- 4. Answer any **one** of the following-
 - 4-a. Explain the importance of logistics in dairy industry. (CO1, K2) 6
 - 4-b. Explain the role of supply chain in manufacturing industry. (CO1, K2) 6
- 5. Answer any **one** of the following- 6
 - 5-a. Explain the role of supply chain strategy in cost minimisation. (CO2, K2) 6
 - 5-b. Explain the factor which affect the performance of the supply chain. (CO2, K2) 6
- 6. Answer any **one** of the following-
 - 6-a. Explain the various agile driver and practices in supply chain management. (CO3, K2) 6
 - 6-b. Explain the importance of inter firm planning and control in supply chain management. (CO3, K2) 6
- 7. Answer any **one** of the following-
 - 7-a. Explain the various component which constitute the demand forecasting in supply chain management. (CO4, K2) 6
 - 7-b. Explain the factors affecting demand forecasting in supply chain management. (CO4, K2) 6
- 8. Answer any **one** of the following-
 - 8-a. Explain the role of efficient Customer Response (ECR) in Supply Chain. (CO5, K2) 6
 - 8-b. Explain the importance of sustainability in supply chain management strategy. (CO5, K2) 6