Examination October 2026

CBM-323

GOA UNIVERSITY

T.Y.B.Com. (NEP) (Semester - V)

Subject Name: Supply Chain and Logistic Management (VET)

Paper Title: Supply Chain and Logistic Management (VET) **Paper Code: CBM-323**

Duration: 2:00 Hours **Total Marks : 60**

Instructions: i) All Questions are compulsory, however Q.2. to Q.5. have internal choice.
ii) In Q.1 all the sub-questions are compulsory.
iii) Figures to the right indicate maximum to the questions.

Q.1) Answer the following questions **(06 x 02 = 12)**

a) What is meant by supply chain management?
b) Describe the nature of logistics Management.
c) What is meant by re-order level?
d) State any two qualitative techniques of demand forecasting.
e) What is meant by multi-mode transport?
f) State importance of packaging in logistic and supply chain management.

Q.2.A.i) Explain the key drivers of supply chain management. **(3)**

ii) Explain concept of value chain for a business enterprise. **(2)**

OR

Q.2.A.iii) Explain in brief the process of supply chain management. **(3)**

iv) What is meant by logistics management? **(2)**

Q.2.B.i) Distinguish between logistics and supply chain management. **(3)**

ii) Explain any two functions of supply chain management. **(2)**

Q.2.C.i) Explain the importance of supply chain management. **(2)**

Q.3.A. i) A furniture factory frequently halts assembly because missing screws, or wooden legs are discovered during production. Explain how creating an accurate Bills of Material

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(BOM) helps the factory manage its inventory requirements. (3)

ii) How can a garment manufacturing factory apply outbound logistics to ensure timely delivery of finished clothes to retail stores? (2)

OR

Q.3.A. iii) A manufacturing company identifies a shortage of raw material, prepares a purchase requisitions, selects a supplier, and places an order. Identify any two stages of the purchase cycle. (3)

iv) Why is Reverse Logistics critical for e-commerce companies selling electronic goods? (2)

Q.3.B. i) A retail company wants to decrease its storage and carrying costs. Illustrate how Economic Order Quantity (EOQ) can be used to reduce these costs. (3)

ii) A hardware store stocks thousands of individual items ranging from expensive power tools to cheap iron nails. Explain how applying ABC inventory classification helps the store manager allocates inventory control efforts effectively. (2)

Q.3.C.i) A warehouse worker uses a mini vehicle to lift and move heavy boxes across the floor. Name this type of material handling system and state one advantage. (2)

Q.4.A.i) Analyze the factors affecting choice of transportation. (3)

ii) Evaluate the position and significance of Transportation in a supply chain network. (2)

OR

Q.4.A. iii) Analyze the role of a Warehousing Management System (WMS) in streamlining receiving and shipping activities. (3)

iv) Evaluate the reasons for adopting Alternative Packaging in sustainable logistics management. (2)

Q.4.B. i) Analyze why primary handling activity in a warehouse considered the most critical and how optimizing it improves operational efficiency. (3)

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ii) PN Warehouse needs guidance with regard to its security measures. Recommend security measures the warehouse manager should implement to ensure a good working environment (2)

Q.4 C. i) Analyze importance of packaging in logistics and supply chain management. (2)

Q.5.A.i) "Effective logistics is not just transportation; it creates place and time utility that helps business profitability." Analyze this statement with regard to importance of logistics management for business. (3)

ii) Suggest any one quantitative demand forecasting technique and explain how a store manager can use it to predict sales. (2)

OR

Q.5.A.iii.) A car manufacturing plant maintains excessive stock of raw materials, leading to high warehouse storage costs. Explain how implementing a Just-In-Time (JIT) inventory system can help the organization. (3)

iv) Evaluate how functions of logistics management can contribute to the profitability of business. (2)

Q5.B. i) A luxury mobile manufacturer in India needs to export a high-value, lightweight shipment worth ₹20 lakhs to a retailer in USA. Analyze which mode Transport is financially and operationally suitable. (3)

ii) Explain some safety measures, which can be adopted by LM warehouse for better safety in future. (2)

Q.5.C. i) Explain one factor influencing supply chain management. (1)

ii) A supermarket loses a customer to a nearby rival because a daily essential was out of stock. Analyze what the stock-out cost represents in this scenario. (1)

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