

Enrollment No./Seat No.:

# GUJARAT TECHNOLOGICAL UNIVERSITY

MBA INTEGRATED- SEMESTER - IX EXAMINATION - WINTER 2025

Subject Code: 2597142

Date: 18-11-2025

Subject Name: Global Logistics and Supply Chain Management

Time: 10:30 AM TO 01:30 PM

Total Marks: 70

## Instructions

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. USE of SIMPLE calculators AND non-programmable scientific calculators are permitted.

- Q.1** (a) Explain the concept of international logistics and differentiate it from domestic logistics. 07  
(b) Discuss the components and importance of international supply chain management. 07
- Q.2** (a) Identify and analyze the factors driving global supply chain management. 07  
(b) You are appointed as the logistics manager for a multinational company planning to expand its operations into new international markets. Describe how you would design and implement an efficient international supply chain to support the company's global expansion strategy. Include considerations for transportation modes, inventory management, and risk mitigation strategies. Justify your decisions based on the specific characteristics of the target markets and the company's product portfolio. 07
- OR**
- (b) What is international reverse logistics? Describe its significance in global supply chain management. 07
- Q.3** (a) Define the global logistics chain and discuss the criteria for choosing a logistics operator in international trade. 07  
(b) Explain the concept of containerization in global logistics. Compare and contrast FCL and LTL shipping methods. 07
- OR**
- Q.3** (a) Describe the roles and functions of intermediaries in international logistics, including customs brokers and freight forwarders. 07  
(b) Analyze the key components and operations of Container Freight Stations (CFS) and Inland Container Depots (ICD). 07
- Q.4** (a) Discuss the characteristics and operations of global ocean transportation, including types of services and vessel sizes. 07  
(b) Explain the features and operations of global air transportation, including cargo airlines and air freight tariffs. 07
- OR**
- Q.4** (a) Compare and contrast different modes of global land transportation, such as truck, rail, and intermodal transportation. 07  
(b) Describe the functions and objectives of packaging in international trade. Discuss the legal issues associated with packaging. 07
- Q.5** (a) Briefly explain the concept of global supply chain finance. Discuss its significance in international trade. 07  
(b) Outline the process and importance of network design in global supply chains. 07

**OR**

- Q.5 (a)** Explain the role of supply chain analytics in enhancing operational efficiency and decision-making in international logistics. **07**
- (b)** You are tasked with coordinating the transportation logistics for a large-scale international trade exhibition taking place in your city. Outline the steps you would take to manage the logistics of transporting exhibition materials and goods from various countries to the exhibition venue. Consider factors such as transportation modes, customs clearance procedures, and coordination with international exhibitors. Discuss how you would ensure the timely and cost-effective delivery of goods while minimizing the risk of logistical challenges. **07**

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