

(FOR THE CANDIDATES ADMITTED
DURING THE ACADEMIC YEAR 2025-2026 ONLY)

25 PIB 2E3

REG.NO. :

N.G.M. COLLEGE (AUTONOMOUS) : POLLACHI
END-OF-SEMESTER EXAMINATIONS: MAY 2026

MIB

MAXIMUM MARKS:75

SEMESTER II

TIME : 3 HOURS

INTERNATIONAL LOGISTICS MANAGEMENT

SECTION – A

(10 X 1 = 10 MARKS)

ANSWER THE FOLLOWING QUESTIONS.

(K1)

1. Which of the following best defines international logistics?
 - a) Movement of goods within a country
 - b) Management of domestic warehouses
 - c) Planning and control of flow of goods across national borders
 - d) Transportation of raw materials only
2. The primary objective of customer service in international logistics is to:
 - a) Minimize transportation cost
 - b) Maximize inventory levels
 - c) Increase customs formalities
 - d) Meet customer requirements at the lowest total cost
3. Which inventory system aims at reducing inventory holding cost to the minimum?
 - a) EOQ
 - b) Safety stock
 - c) Just-in-Time
 - d) ABC analysis
4. Which type of logistics focuses on environmentally sustainable practices?
 - a) Reverse logistics
 - b) Green logistics
 - c) Third-party logistics
 - d) Inbound logistics
5. Containerization in international trade mainly helps in:
 - a) Faster and safer movement of goods
 - b) Reducing cargo handling efficiency
 - c) Increasing packaging cost
 - d) Increasing documentation

ANSWER THE FOLLOWING IN ONE (OR) TWO SENTENCES

(K2)

6. Define international logistics.
7. What is third-party logistics (3PL)?
8. State any two functions of inventory in logistics.
9. What is order processing?
10. What is meant by multimodal transportation?

SECTION – B

(5 X 5 = 25 MARKS)

ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS.(K3)

11. a) Explain the role of international logistics in enhancing customer service in global trade.
(OR)
b) Illustrate the differences between domestic logistics and international logistics with suitable examples.
12. a) Discuss the importance of inventory management in reducing total logistics cost for a multinational firm.

(OR)

- b) Explain how the Just-In-Time system can be applied in an export-oriented manufacturing unit.
- 13.a) Describe the objectives and principles of material handling in international logistics operations.

(OR)

- b) Examine the factors influencing the selection of material handling equipment in warehouses.
14. a) Explain the order processing cycle and its significance in international logistics performance

(OR)

- b) Discuss the functions and costs of warehousing with reference to global distribution systems.
15. a) Analyze the importance of protective packaging in international transportation.

(OR)

- b) Explain the criteria for selecting an appropriate mode of transportation for international shipments.

SECTION – C

(5 X 8 = 40 MARKS)

ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS. (K4orK5)

16. a) Critically analyze the framework of international logistics and supply chain management and its impact on global competitiveness.

(OR)

- b) Evaluate the recent trends and developments in international logistics, highlighting their strategic implications.
17. a) Examine the elements of inventory cost and analyze how effective inventory control improves international logistics efficiency.

(OR)

- b) Assess the role of material handling systems in improving productivity and safety in global warehousing operations.
18. a) Analyze the design and layout considerations of warehouses for multinational companies.

(OR)

- b) Evaluate the role of warehousing as a value-adding activity in international logistics.
19. a) Critically evaluate the functions, forms, and problems of packaging in international trade.

(OR)

- b) Evaluate surface, water, air, and multimodal transportation modes based on cost, speed, risk, and cargo characteristics, and determine their suitability for international shipments.
20. a) A mid-sized Indian exporter of engineering goods regularly ships consignments to Europe using sea transport through major international shipping routes. Due to recent geopolitical tensions and port congestion, the company is facing frequent delays, rising freight costs, and customer dissatisfaction. The management is considering alternative transportation strategies, including partial air shipment and multimodal transportation. Evaluate the transportation alternatives available to the exporter and recommend the most suitable logistics strategy to balance cost, delivery time, and customer service.

(OR)

- b) A multinational FMCG company operating across Asia-Pacific has come under pressure from international buyers to reduce its carbon footprint in logistics operations. The firm currently follows traditional logistics practices with high packaging waste and limited return flows. The management is exploring the adoption of green logistics and reverse logistics practices without affecting operational efficiency. Critically assess how the company can integrate green logistics and reverse logistics into its international supply chain and evaluate their impact on cost, efficiency, and sustainability.
