



UNIVERSITI KUALA LUMPUR
Malaysian Institute of Marine Engineering Technology

FINAL EXAMINATION
MARCH 2025 SEMESTER SESSION

SUBJECT CODE : LOB31203
SUBJECT TITLE : INTERNATIONAL LOGISTICS
PROGRAMME NAME : BACHELOR OF MARITIME OPERATIONS (HONS)
(FOR MPU: PROGRAMME LEVEL)
TIME / DURATION : 9.00 AM - 12.00 PM
(3 HOURS)
DATE : 1 JULY 2025

INSTRUCTIONS TO CANDIDATES

1. Please **CAREFULLY** read the instructions given in the question paper.
2. This question paper has information printed on both sides of the paper.
3. This question paper consists of **TWO (2)**; Section A and Section B.
4. Answer **ALL** questions in Section A, and **THREE (3)** questions in Section B.
5. Please write your answers in the answer booklet provided.
6. Answer all questions in English language only.

THERE ARE 4 PAGES OF QUESTIONS, INCLUDING THIS PAGE.

SECTION A (TOTAL: 40 MARKS)

INSTRUCTION: ANSWER ALL THE QUESTIONS.

QUESTION 1

Supply chain management framework provides a structure for managing the flow of goods, information, and finances across the supply chain, while integration ensures that all parties, from suppliers to customers, work together efficiently to achieve common goals.

- a) Identify **FIVE (5)** supply chain management frameworks used in logistics.
(10 marks)
- b) Discuss **FIVE (5)** benefits of integrating supply chain management within logistics.
(10 marks)

QUESTION 2

A warehouse is a facility where goods and materials are stored. It helps keep products safe until they are needed for distribution or sale. Efficient warehouse operations ensure that goods are organised and easy to locate.

- a) Identify **FIVE (5)** types of warehouses.
(10 marks)
- b) Examine **FIVE (5)** important roles of Warehouse Management System (WMS) in logistics operations.
(10 marks)

SECTION B (TOTAL: 60 MARKS)

INSTRUCTION: ANSWER THREE (3) QUESTIONS ONLY.

QUESTION 3

Inventory management involves the efficient ordering, storing, and usage of goods, while inventory flow refers to the movement of these goods through the supply chain from suppliers to storage and ultimately to customers. Together, they ensure that products are available at the right time and place to meet customer demand and support smooth business operations.

- a) Assess **FIVE (5)** factors that affect the efficiency of inventory flow in logistics operations.

(10 marks)

- b) Examine **FIVE (5)** objectives of inventory management in a manufacturing organization that contribute to operational efficiency.

(10 marks)

QUESTION 4

In global logistics, the distribution channel is the route goods take from producers to customers worldwide, while packaging ensures these goods are protected and handled safely throughout the journey. Both play a vital role in maintaining product quality and ensuring timely delivery.

- a) Analyse **FIVE (5)** roles that distribution channels play in global logistics operations.

(10 marks)

- b) Determine **FIVE (5)** functions of packaging in logistics

(10 marks)

QUESTION 5

Effective logistics management relies on systems like Kanban and Just-In-Time (JIT) to improve efficiency. Kanban controls inventory flow, while JIT ensures products are delivered only when needed, reducing waste and storage costs. Together, they help streamline operations and enhance overall supply chain performance.

- a) Examine **FIVE (5)** functions of Kanban in supporting smooth and efficient operation
(10 marks)
- b) Assess **FIVE (5)** key reasons for implementing Just-In-Time (JIT) in logistics operations.
(10 marks)

QUESTION 6

A Free Trade Zone (FTZ) is a designated area where goods can be imported, stored, and re-exported without customs duties, improving logistics efficiency, while Terms of Trade define the responsibilities of buyers and sellers for transportation, insurance, and handling costs during shipment. Both concepts help streamline international trade by reducing costs and clarifying the movement of goods.

- a) Determine **FIVE (5)** benefits of Free Trade Zones (FTZs) in logistics operations.
(10 marks)
- b) Examine **FIVE (5)** factors that influence the application of terms of trade in logistics operations.
(10 marks)

END OF FINAL EXAMINATION PAPER

