



UNIVERSITI KUALA LUMPUR
Malaysian Institute of Marine Engineering Technology

FINAL EXAMINATION
MARCH 2025 SEMESTER SESSION

SUBJECT CODE : LOD10803

SUBJECT TITLE : PRINCIPLES OF SHIPPING

PROGRAMME NAME : DIPLOMA IN MARITIME MANAGEMENT
(FOR MPU: PROGRAMME LEVEL)

TIME / DURATION : 09.00 AM - 11.30 AM
(2 HOURS 30 MINUTES)

DATE : 21 JUNE 2025

INSTRUCTIONS TO CANDIDATES

1. Please read **CAREFULLY** 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)** sections; Section A and Section B.
4. Answer **ALL** question in section A (Multiple Choice) questions , and **THREE (3)** questions **ONLY** in section B (Essay Questions).
5. Please write your Section A answer in OMR paper and Section B answer in booklet provided.
6. Answer **ALL** questions in English language **ONLY**.

THERE ARE 7 PAGES OF QUESTIONS, EXCLUDING THIS PAGE

SECTION A (TOTAL: 25 MARKS)

INSTRUCTION: ANSWER ALL QUESTIONS

PLEASE USE THE OBJECTIVE ANSWER SHEET (OMR) PROVIDED

1. Which type of ship is specifically designed to transport bulk cargo?
 - a) Container Ship
 - b) Bulk Carrier
 - c) Ro-ro Vessel
 - d) Tanker Ship

2. Which canal serves as a link between the Pacific and Atlantic Oceans?
 - A. Suez Canal
 - B. Panama Canal
 - C. Kiel Canal
 - D. Corinth Canal

3. _____ have pipelines on deck and powerful pumps move the cargo out of the tanks.
 - A. Cattle ship
 - B. LNG carriers
 - C. Dry bulk carriers
 - D. Container ship

4. Which type of cargo are Ro-Ro vessels specifically designed to carry?
 - A. Wheeled Cargo
 - B. Containerized Cargo
 - C. Perishable Cargo
 - D. Bulk Cargo

5. A Specialized salvage tugs are designed for which type of operations?
 - A. Transporting bulk cargo
 - B. Transporting passenger
 - C. Maritime salvage operations
 - D. Transporting liquid cargo

6. Choose the primary objective of the International Maritime Organization (IMO).
 - A. To promote global tourism
 - B. To regulate international airspace
 - C. To ensure safe, secure and efficient shipping
 - D. To manage international telecommunications

7. The cargo is transported loosely, without any specific packaging and generally contains items like food grains, ores, coal, and cement. This is a part of the specification suitable for _____.
 - A. Tanker ship
 - B. Container ship
 - C. Multipurpose ship
 - D. Bulk carrier ship

8. _____ is one of the most famous shipping canals, connecting the Mediterranean Sea to the Red Sea. It enables ships to bypass the long and dangerous trip around the southern tip of Africa.
 - A. Suez Canal
 - B. Panama Canal
 - C. Kiel Canal
 - D. Corinth Canal

9. A Liner shipping refers to the operation of ships that run on what type of routes and schedules?
 - A. Flexible routes and schedules
 - B. Fixed routes and schedules
 - C. Random routes and schedules
 - D. Seasonal routes and schedules

10. A Tramp shipping refers to the operation of ships that run on which type of routes and schedules?
 - A. Flexible routes and schedules
 - B. Fixed routes and schedules
 - C. Random routes and schedules
 - D. Seasonal routes and schedules

11. The International Convention on Load Lines 1966 ensure ship safety by regulating which aspect?

- A. The type of cargo they carry
- B. The amount of cargo they can carry
- C. The speed at which they travel
- D. The routes they follow

12. What does "manning of vessels" refer to?

- A. The process of building ship
- B. The process of staffing ships with the appropriate numbers of crew members
- C. The process of selling ship
- D. The process of repairing ship

13. TEU is a unit of cargo capacity, often used for container ships and container ports.

It is calculated based on _____.

- A. Twenty-foot equivalent unit
- B. Thirty-foot equivalent unit
- C. Thousand-foot equivalent unit
- D. Ten-foot equivalent unit

14. Which of the following is NOT a duty of the Master?

- A. Overall command of the vessel
- B. Supervised and manage the crew
- C. Ensure compliance with regulations
- D. Repairing the engines

15. What department is responsible for the main propulsion machinery and auxiliaries?

- A. Deck Department
- B. Engine Room Department
- C. Catering Department
- D. Safety Department

16. What does STCW stand for?
- A. Standards of Training, Certification, and Watchkeeping for Seafarers
 - B. Standards of Transportation, Certification, and Watchkeeping for Seafarers
 - C. Standards of Training, Certification, and Working for Seafarers
 - D. Standards of Transportation, Certification, and Working for Seafarers
17. This department is responsible for managing the provision of food, accommodation, and other services for passengers and crew.
- A. Engineering Department
 - B. Deck Department
 - C. Steward Department
 - D. Medical Department
18. What is the primary function of inland waterways?
- A. Manufacturing goods
 - B. Transportation and trade
 - C. Entertainment and tourism
 - D. Fishing and agriculture
19. What is a major challenge associated with canals?
- A. Enhancing connectivity
 - B. Supporting trade
 - C. Regular dredging and environmental impact
 - D. Providing direct routes
20. What document is a legal agreement enforceable by law and primarily used in road and rail transport?
- A. Airway Bill (AWB)
 - B. Bill of Lading (B/L)
 - C. Consignment Note
 - D. Purchase Order

21. What key function does a Bill of Lading serves in international trade?
- A. Proof of receipt for delivery
 - B. Receipt of goods, document of title, and contract of carriage
 - C. Tracking and accountability
 - D. Custom declaration
22. Which shipping document is used in air transport and provides detailed information and tracking?
- A. Consignment Note
 - B. Airway Bill (AWB)
 - C. Bill of Lading (B/L)
 - D. Commercial Invoice
23. Which department is primarily responsible for managing the ship's engine and machinery?
- A. Deck Department
 - B. Electrical Department
 - C. Engine Department
 - D. Catering Department
24. What is a Charter Party?
- A. The celebration on a ship
 - B. A contract for the hire or lease of a vessel
 - C. A type of maritime insurance
 - D. A type of documents containing cargo particular
25. What is the primary purpose of a Charter Party?
- A. To organize social events on a ship
 - B. To secure an agreement between the shipowner and the charterer by law.
 - C. To manage the crew on a vessels
 - D. To calculate voyage cost

SECTION B (TOTAL: 75 MARKS)

INSTRUCTION: ANSWER THREE (3) QUESTIONS ONLY

PLEASE USE PROVIDED ANSWER PAPER.

QUESTION 1

Shipping refers to the process of transporting goods, cargo, or passengers by sea, air, or land. In the context of the maritime industry, shipping primarily involves the movement of goods across oceans, seas, and rivers using various types of vessels. Each required different methods of storage, handling, and transportation such as bulk cargoes, general cargoes, containerized cargoes etc.

- a) Distinguish between the operations of Liner shipping and Tramp Shipping operation.
(10 marks)

- b) In a table, differentiate between Shipping Management Company, Freight Forwarder, Chartered Ship Broker, Ship Agents.
(15 marks)

QUESTION 2

Manning of ships refers to the process of staffing a vessel with qualified personnel to ensure its safe and efficient operation. Effective manning of ships is crucial for ensuring maritime safety, security, and compliance with regulatory standards.

- a) Identify FOUR (4) duties and responsibility of a Ship Master.
(12 marks)

- b) Describe FOUR (4) functions of Deck departments on board ship.
(8 marks)

- c) List FIVE (5) biggest shipping company in the world.
(5 marks)

QUESTION 3

Shipping documents are forms that accompany provide information about the goods being shipped. Each documents encompass a diverse set of paperwork and records that accompany goods during the transportation process, providing a comprehensive trail of information from the point of origin to the destination. These documents facilitate and regulate the movement of goods across borders, ensuring compliance with regulations and serving as crucial proof of ownership, conditions, and terms of the shipment.

- a) Clarify FIVE (5) common types of documents used in shipping industry. (10 marks)
- b) Explain FIVE (5) importance of shipping documents. (15 marks)

QUESTION 4

A charter party is a formal contractual agreement used in maritime transport. It outlines the mutual obligations and terms under which the vessel is employed. It is essential in maritime trade as it establishes and optimize the full process of ship chartering.

- a) Differentiate between Demise Charter Parties and Non-demise Charter Parties. (15 marks)
- b) Describe the common content in "Charter Party Agreement". (10 marks)

END OF EXAMINATION PAPER

