



UNIVERSITI KUALA LUMPUR  
MALAYSIAN INSTITUTE OF MARINE ENGINEERING  
TECHNOLOGY

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FINAL EXAMINATION  
SEPTEMBER 2016 SESSION

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SUBJECT CODE : LOB 30403  
SUBJECT TITLE : MARITIME TRANSPORT OPERATIONS  
LEVEL : DEGREE  
TIME / DURATION : 3.00PM-6.00 PM (3 HOURS)  
DATE : 13 JANUARY 2017

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INSTRUCTIONS TO CANDIDATES

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1. Please **CAREFULLY** read the instructions given in the question paper.
  2. This question paper is printed on both sides of the paper.
  3. This question paper of **FIVE (5)** questions.
  4. Answer **FOUR (4)** questions **ONLY**.
  5. Please write your answers on the answer booklet provided.
  6. Answer all questions in **ENGLISH** language **ONLY**.
  7. Answer should be written in **BLUE** or **BLACK INK** except for sketching, graphic and illustration.
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THERE ARE 3 PAGES OF QUESTIONS, INCLUDING THIS PAGE.

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**INSTRUCTION: Answer FOUR (4) questions ONLY.**

**Please use the answer booklet provided.**

### **QUESTION 1**

The factors influencing the shipper's choice of transport mode has changed dramatically since the 1980s. Today it is based on the total product concept embracing all the constituents of distribution logically driven. This include reliability, frequency, cost, transit time, capital tide up in transport, quality of service, packaging, import duty, insurance and so on. It favours more strongly multi-modalism, with sea transport undertaking the major leg of the overall transit.

- a) **Define the following cargo handling terminology:** (15 marks)
- i. FIATA (3 marks)
  - ii. Repatriation (3 marks)
  - iii. Hague Rules (3 marks)
  - iv. NVOCC (3 marks)
  - v. Flag Discrimination (3 marks)
- b) The maximum permitted draught varies according to the seasons and types of waters where the ship enters. **Draw and describe each of the water level as stated in International Load Line for Cargo Vessels.** (10 marks)

### **QUESTION 2**

- a) **Discuss in details TWO (2) types of Bill of Lading use during shipping operations.** (9 marks)
- b) **Discuss FOUR (4) types of freight rates in international trades.** (16 marks)

### QUESTION 3

- a) Ship today forms a very important part of the shipping industry and is made complex by an increasingly competitive on crew cost and the overall cost of ship operations including fuel cost.
- i. **Draw a proper ship organization structure.** (5 marks)
  - ii. **Analyses the details functions of FOUR (4) departments on board ship.** (10 marks)
- b) **Justify the responsibilities of the employer or his agent to the ship crew as stated in the statutory legislation and regulations of Merchant Shipping Act 1970.** (10 marks)

### QUESTION 4

- a) The types of merchant vessels employed on a trade route is mainly determined by the traffic carried and divided in three main divisions such as Liner, Tramp and Specialized vessels. **Analyze the overall operations of Tramp vessels.** (10 marks)
- b) Many of the shipping organizations are working closely with the United Nations (UN) as consultative organizations. The United Nations umbrella organizations work through specialist committees reflecting a whole range of issues. **Justify the main functions of The International Federation of Freight Forwarders Associations (FIATA).** (15 marks)

### QUESTION 5

- a) **Differentiate the functions of Freight Forwarders, Chartered Shipbrokers and Ship Agents.** (6 marks)
- b) **Discuss the details of Liner Conference System.** (9 marks)
- c) **Justify FOUR (4) important method use in Flag discriminations.** (10 marks)

END OF QUESTION