



UNIVERSITI KUALA LUMPUR
Malaysian Institute of Marine Engineering Technology

FINAL EXAMINATION
FEBRUARY 2025 SEMESTER SESSION

SUBJECT CODE : LMB41002

SUBJECT TITLE : MARITIME LEGISLATION 2

PROGRAMME NAME : BACHELOR OF MARINE ENGINEERING
(FOR MPU: PROGRAMME LEVEL) TECHNOLOGY (BME)

TIME / DURATION : 2.00PM - 4.30 PM
(2 HOURS 30 MINUTES)

DATE : 23 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. Answer all questions in Section A and **THREE (3)** questions only in Section B.
 4. Please write your answers on the answer booklet provided.
 5. Answer **ALL** questions in English language **ONLY**.
 6. Answer should be written in blue or black ink except for sketching, graphic and illustration.
-

THERE ARE 4 PAGES OF QUESTIONS, INCLUDING THIS PAGE.

SECTION A (Total: 40 marks)

INSTRUCTION: Answer ALL questions.

Please use the answer booklet provided.

Question 1

With reference to responsibility under MARPOL convention;

- a) With aid of examples, define the term "ozone-depleting substances" as per MARPOL Annex VI.
(4 marks)
- b) Identify TWO (2) fuel oil quality standards according to MARPOL Annex VI.
(4 marks)
- c) Explain THREE (3) engine survey types under NOx Technical Code.
(6 marks)
- d) Describe TWO (2) types of Emission Control Areas (ECA) applicable under MARPOL.
(6 marks)

Question 2

With reference to the responsibility under Maritime Labour convention (UNCLOS) 2006;

- a) Identify TWO (2) primary mechanisms through which international rules and standards to prevent vessel pollution are established, according to Article 211?
(4 marks)
- b) State TWO (2) purposes of routing systems mentioned in Article 211.
(4 marks)
- c) Describe the authority of a Coastal State regarding the requirement for foreign ships exercising innocent passage in its territorial sea to use designated sea lanes or traffic separation schemes, according to Article 22.
(6 marks)
- d) List **FOUR (4)** factors a Coastal State must consider when designating sea lanes and prescribing traffic separation schemes under Article 22?
(6 marks)

SECTION B (Total: 60 marks)

INSTRUCTION: Answer ONLY THREE (3) questions.

Please use the answer booklet provided.

Question 3

With reference to marine insurance;

- a) Examine the principle of 'Utmost Good Faith' (Uberrimae Fides). Explain what information must be disclosed by the insured and predict the likely consequence if material facts are misrepresented or not disclosed.

(8 marks)
- b) A marine insurance policy contains a warranty that the vessel will not trade in a specific high-risk geographical area. The vessel deviates and enters this area, but suffers no loss there. Later, on the permitted part of the voyage, the vessel suffers a loss due to an insured peril. Analyse the likely position of the insurer regarding the claim, considering the nature of a warranty and the consequences of its breach.

(6 marks)
- c) Relate the concept of 'Insurable Interest' to the ability of a party (e.g., a shipowner, a cargo owner) to take out a valid marine insurance policy.

(6 marks)

Question 4

With reference to Charterparties,

- a) A shipowner is negotiating a time charter. Analyse why providing an accurate and detailed 'Description of the Ship' is crucial for both the owner and the charterer, referring to at least FOUR (4) specific details typically included.

(10 marks)
- b) Assess the importance of the 'Description of the Trade' clause from the shipowner's perspective, identifying TWO (2) types of exclusions included to protect owner's interests.

(6 marks)
- c) Relate the purpose of an On-Hire survey to the commencement of a time charter period.

(4 marks)

Question 5

With reference to responsibilities under STCW Convention:

- a) The Manila Amendments introduced new grades of certificates for Able Seamen (Deck and Engine). Determine the STCW regulations governing these new certificates of competency.
(4 marks)
- b) Analyse FOUR (4) rationales behind introducing mandatory training requirements related to modern technology, such as Electronic Chart Display and Information Systems (ECDIS), under the Manila Amendments.
(8 marks)
- c) Examine FOUR (4) importance of including new requirements for 'marine environment awareness training' and 'training in leadership and teamwork' in the Manila Amendments for modern ship operations, particularly relevant for engineering officers at the management level.
(8 marks)

Question 6

With reference to Standard Operating Procedures (SOP) on board ship,

- a) Compare the 'Simple Steps' format with the 'Categorized Steps' format for writing the 'Procedure' section of an SOP. For which types of tasks is each format most suitable?
(8 marks)
- b) Analyse the purpose and meaning of SOP 'Validation'. Why is this step critical before an SOP can be formally approved and implemented?
(8 marks)
- c) Relate TWO (2) importance of including a 'Forms and Documentation' section within an SOP.
(4 marks)

END OF QUESTION

