



# TECHNICAL UNIVERSITY OF MOMBASA

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FACULTY OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF MECHANICAL & AUTOMOTIVE ENGINEERING

**UNIVERSITY EXAMINATION FOR:**

**DIPLOMA IN MARINE ENGINEERING**

**EMR 2121 : MARINE COMMUNICATION SKILLS II**

**END OF SEMESTER EXAMINATION**

**SERIES:** APRIL 2016

**TIME:** 2 HOURS

**DATE:** Pick Date May 2016

## **Instructions to Candidates**

You should have the following for this examination

*-Answer Booklet, examination pass and student ID*

This paper consists of **FIVE** questions. Attempt question ONE (Compulsory) and any other TWO questions.

**Do not write on the question paper.**

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### **Question ONE**

- a. Discuss the adoption of the IMO Standard Marine Communication Phrases (SMCP) and its importance to the maritime industry. (10 marks)
- b. Name five areas while giving reasons, where passengers onboard a vessel are not permitted to enter in the safety regulations (10 Marks)

### **Question TWO**

- a. Briefly describe the following: (6 Marks)
  - i). Distress situation
  - ii). Urgency situation
  - iii). Safety situation
- b. Describe the communication and procedures during a distress situation (10 Marks)
- c. State the steps taken as part of safety procedures for a general emergency onboard a vessel (4 Marks)

### **Question THREE**

Describe in detail with examples, the Message Markers used in shore-to-ship and ship-to-shore communication or radio communication. (20 Marks)

### **Question FOUR**

- a. Define the following terms (10 Marks)
  - i). Abandon vessel
  - ii). Capsizing
  - iii). Damage control team
  - iv). Restricted area
  - v). VTS
- b. State five procedures that are important during damage control while stating their significance (10 Marks)

### **Question FIVE**

- a. Using the sketch of the ship, name and describe the parts of the ship together with the names of the mooring lines while explaining mooring of the ship using the indicated lines. (16 Marks)
- b. State the movements numbers 8 and 9 (2 Marks)
- c. State the dimensions 7 and 12 (2 Marks)

