



# TECHNICAL UNIVERSITY OF MOMBASA

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SCHOOL OF BUSINESS

DEPARTMENT OF MANAGEMENT SCIENCE

**UNIVERSITY EXAMINATION FOR:**

**DIPLOMA IN SHIPPING**

**BSP 2208: SHIP OPERATIONS AND MANAGEMENT**

**END OF SEMESTER EXAMINATION**

**SERIES: APRIL 2020**

**TIME: 2 HOURS**

**DATE: Pick Date Apr 2022**

## 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) The cost of ship operation is grouped into three main categories namely; (i) fixed costs (ii) daily operating costs (iii) voyage costs.

Explain each of the costs. **(10 Marks)**

(b) Explain the primary responsibility of the following;

(i) Ship operators **(5 Marks)**

(ii) Flag state **(5 Marks)**

(c) One of your managed vessels has reported heavy contact damage with the berth while coming alongside to discharge cargo. The Master has reported damage both to the vessel and cargo, and one of the crew has sustained an injury. Identify and explain the insurances an owner/ manager should have in place to cover this incident. **(10 Marks)**

### **Question TWO**

(a) Outline the role of classification society,

(i) During initial stages of ship building,

(ii) During delivery of a ship. **(10 Marks)**

(b) Maritime activities are regulated under four main international conventions. Explain the role of any two of them on ship operations and management. **(10 Marks)**

### **Question THREE**

(a) Explain hazards in the carriage of the following bulk cargoes. **(10 Marks)**

(i) GRAIN;

(ii) TIMBER.

(b) Define the term Dry-docking and explain its importance to ship operations. **(10 Marks)**

### **Question FOUR**

(a) Describe the different forms of charter party used in maritime transport. **(16 Marks)**

(b) Highlight two functions of Bill of Lading. **(4 Marks)**

### **Question FIVE**

(a) Your company is due to accept delivery of a new build vessel and this will be registered with an open registry. Outline one advantage and one disadvantage of registering with an open registry. **(8 Marks)**

(b) A fire broke out on board a vessel carrying general cargo. Efforts were made to put out the fire, resulting in a third of the cargo being jettisoned at sea. The vessel called into the nearest port to undergo emergency repairs, deviating from her contractual course. It resumed service after a delay of two weeks, before arriving at the discharge port.

Explain any two types of claim to be lodged. **(12 Marks)**