



TECHNICAL UNIVERSITY OF MOMBASA

SCHOOL OF BUSINESS

DEPARTMENT OF BUSINESS ADMINISTRATION

UNIVERSITY EXAMINATION FOR:

DEGREE IN MARITIME MANAGEMENT

BMM 4202: MARITIME SCIENCE 2

END OF SEMESTER EXAMINATION

SERIES: DECEMBER 2016

TIME: 2 HOURS

DATE: Pick Date Dec 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.

Question ONE

A) Describe the sources of ocean and marine pollution and suggest ways of mitigating such pollution

(15 Marks)

B) With reference to the ocean, describe what you know to be the major primary sources of energy

(15 Marks)

Question TWO

In ocean transport, describe how microorganisms are transported from one part of the world to the other and the effect such organism have in the ocean ecosystem (20 Marks)

Question THREE (3)

Name the five oceans of the world from the smallest to the largest. Briefly describe their location in the world.

(20 Marks)

Question FOUR

What is Marpol? Name the key objectives of Marpol

(20 Marks)

Question FIVE

The rise in maritime transport in oceans has led to the rise in marine noise pollution. Explain what we mean by Marine noise pollution and describe the effects of marine noise pollution to ocean living organisms.

(20 Marks)