



TECHNICAL UNIVERSITY OF MOMBASA

SCHOOL OF BUSINESS

DEPARTMENT OF BUSINESS ADMINISTRATION

UNIVERSITY EXAMINATION FOR:

DEGREE IN MARITIME MANAGEMENT

BMM 4301: MARITIME SAFETY AND ENVIRONMENTAL MAGEMENT

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

Because of the international nature of the shipping industry, it has long been recognized that action to improve safety in maritime operations is more effective if carried out at the international level rather than by individual countries acting unilaterally and without co-ordination.

- (i) Name the international organization that is responsible for safety and environmental protection at sea and mention the key objectives that guide this body (10 Marks)
- (ii) Name the Competent Authority in Kenya that implements the conventions set by the said organization above (10 Marks)
- (iii) Briefly describe the key objectives of the Kenyan organization mentioned above (10 Marks)

Question TWO

Safety at sea has long been recognized to be not only as a function of the seaworthiness of the vessel but also the safe management of the ship. Name the International code that is concerned with the safety management of the vessel and name the key objective s of this code. (20 Marks)

Question THREE (3)

What do you understand by the term “Ship seaworthiness”? How does manning levels affect the seaworthiness of a vessel? (20 Marks)

Question FOUR

Define and discuss briefly the following acronyms

1. IMDG
2. MARPOL
3. ISM Code
4. ISPS Code
5. SOLAS

(20 Marks)

Question FIVE

Maritime safety and environmental protection at sea starts with the safety construction and operations of ships. Name at least five international bodies that are used to ensure ships are safely built and operated.

(20 Marks)