



TECHNICAL UNIVERSITY OF MOMBASA

FACULTY OF APPLIED AND HEALTH SCIENCES

DEPARTMENT OF ENVIRONMENT & HEALTH SCIENCES

UNIVERSITY EXAMINATION FOR:

BACHELOR OF SCIENCE IN MARINE RESOURCE MANAGEMENT

BSMR/16S/YEAR 2/ SEMESTER 1

AES 4204: FUNDAMENTALS OF MARINE RESOURCE CONSERVATION

SPECIAL/ SUPPLEMENTARY EXAMINATIONS

SERIES: SEPTEMBER 2018

TIME: 2 HOURS

Instructions to Candidates

This paper consists of FIVE questions

Answer question ONE (COMPULSORY) and any other TWO questions.

This paper consists of two printed pages.

Mobile phones are NOT allowed in the examination room

QUESTION ONE. (30 MARKS)

- a). With examples describe coastal hazards that have caused destruction in many coastal areas in various parts of the world. (5 marks)
- b). Describe the importance of marine protected areas in marine management. (5 marks)
- c). Describe the factors to consider when selecting a site for a protected area (5 marks)
- d). Describe some impacts of coral bleaching in the marine environment. (5 marks)
- e). Briefly describe marine biodiversity habitats and their significance in the marine environment. (5 marks)

QUESTION TWO (20 MARKS)

Describe the challenges that are faced by local communities in establishment of Locally Managed Marine Areas.

QUESTION THREE (20 MARKS)

Describe the major causes of sea turtle decline.

QUESTION FOUR (20 MARKS)

Describe Global Marine Conservation and treaties that are relevant to the marine environment.

QUESTION FIVE (20 MARKS)

Describe the factors that drive establishment of locally marine managed areas and the challenges encountered in this locally marine managed areas.