



Technical University of Mombasa

Faculty of Applied and Health Sciences

DEPARTMENT OF ENVIRONMENT AND HEALTH SCIENCES
UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE IN
MARINE RESOURCE MANAGEMENT

BMRM 13S

AES 4102 : INTRODUCTION TO MARINE RESOURCES

SEMESTER EXAMINATION

DECEMBER 2013 SERIES

2 HOURS

Instructions to candidates:

This paper consist of **FIVE** questions

Answer question **ONE** (compulsory) and any other **TWO** questions

QUESTION ONE

- a) Explain a controlled experiment? **(2marks)**
- b) Describe the heart of the scientific method. **(4marks)**
- c) Describe the voyages and accomplishments of the HMS challenger during the 1800S **(2marks)**
- d) List and briefly describe **FOUR** things about the oceans that can be learned by using remote technology. **(4marks)**
- e) Explain what are the ways that species becomes endangered? **(4marks)**
- f) Describe the characteristics of Fish **(4marks)**
- g) Explain what is a manual? **(4marks)**
- h) State the (realistic) steps to take in volunteering to help the animal off the Threatened / Endangered species list? **(4marks)**

QUESTION TWO

What are some possible way to integrate fish farming in Kenya into the wall farm operation for greater efficiency and profitability **(20marks)**

QUESTION THREE

Outline and classify the Kenya coastline into seven categories or types in terms of geomorphology, ecological value and vulnerability **(20marks)**

QUESTION FOUR

State and discuss the ways of interventions of mangroves in Kenya. **(20marks)**

QUESTION FIVE

Discuss the social impact and consequences of Kenyan Coastal Marine issues **(20marks)**