



TECHNICAL UNIVERSITY OF MOMBASA

FACULTY OF APPLIED AND HEALTH SCIENCES

DEPARTMENT OF ENVIROMENT & HEALTH SCIENCES

UNIVERSITY EXAMINATION FOR:

DEGREE IN MARINE RESOURCE (BSMR 15S/YEAR2/SEMESTER 1)

AES 4205: NATURAL RESOURCES MANAGEMENT

SPECIAL / SUPPLEMENTARY EXAMINATION

SERIES:AUGUST2017

TIME: 2HOURS

Instructions to Candidates

You should have the following for this examination

-Answer Booklet, examination pass and student ID

This paper consists of **FIVE** Question(s). Attempt question ONE (Compulsory) and any other TWO questions.

Do not write on the question paper. This paper consists of **2 printed** pages.

QUESTION ONE (30 MARKS)

- a) What is meant by management and conservation of resources? **(2 Marks)**
- b) What are abiotic and biotic components of environment? **(2 Marks)**
- c) What are fossil fuels? **(2 Marks)**
- d) Does the Resources Strategy cover all natural resources? **(2 Marks)**
- e) Explain the three R's in the conservation of environment? **(4 Marks)**
- f) Why do we need to manage our resources? **(2 Marks)**
- g) Why should we conserve forests and wildlife? **(5 Marks)**
- h) What is the full form of IUCN and what is its primary purpose? **(2 Marks)**
- i) What is ground water and what is a water table? **(2 Marks)**
- j) Describe how Land Resources can be managed in Kenya? **(3 Marks)**
- k) Differentiate between preservation and conservation in relation to the concepts of natural resources? **(4 Marks)**

QUESTION TWO (20 marks)

Suggest 10 measures for the conservation of water.

(20 Marks)

QUESTION THREE (20 marks)

Explain the main problems with resource use?

(20 Marks)

QUESTION FOUR (20 marks)

Discuss the constraints in Resource Management in East Africa?

(20 Marks)

QUESTION FIVE (20 marks)

State the means of implementing actions in relation to the concepts of natural resources? **(20 Marks)**