



TECHNICAL UNIVERSITY OF MOMBASA

FACULTY OF APPLIED AND HEALTH SCIENCES

DEPARTMENT OF ENVIRONMENT & HEALTH SCIENCES

UNIVERSITY EXAMINATION FOR:

DEGREE IN MARINE RESOURCE

BSMR 15S/YEAR2/SEMESTER 1

AES 4205: NATURAL RESOURCES MANAGEMENT

END OF SEMESTER EXAMINATION

SERIES:DECEMBER2016

TIME: 2HOURS

DATE:Pick DateSelect MonthPick Year

Instructions to Candidates

You should have the following for this examination

-Answer Booklet, examination pass and student ID

This paper consists of **TWO**Section(s). Attemptquestion ONE (Compulsory) and any other TWO questions.

Circle the correct answer in section A.

QUESTION ONE (30 MARKS)

- a). Define the term natural resources (2 mark)
- b). What is meant by global warming? (2 Marks)
- c). What is the cause of over exploitation of natural resources? (3 Marks)
- d). Why are some forests known as biodiversity hot spots? (2 Marks)
- e). Suggest some measures for the conservation of forests. (4 Marks)

f). What is water harvesting? (2 Marks)

g). What is meant by conservation of natural resources? (2 Marks)

h). State 5 stake holders to be involved in an integrated river basin planning approach in Nyando case study in Kenya? (3 Marks)

i). Name two important uses of coal and petroleum. (2 Marks)

j). States how natural resources in Kenya are controlled by the National Government and devolution government system? (3 Marks)

k). State 5 types of “renewable” resources which are essential services provided by nature for the continued, sustainable health and well-being of our environment? (5 Marks)

QUESTION TWO (20 marks)

Discuss the impacts of exploitation of natural resources on the environment? (20 Marks)

QUESTION THREE (20 marks)

Explain the possible actions for natural resource management? (20 Marks)

QUESTION FOUR (20 marks)

Forests have direct values to man. Discuss? (20 Marks)

QUESTION FIVE (20 marks)

Discuss the advantages and disadvantages of dams? (20 Marks)