



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 4201: COMMUNITY BASED NATURAL RESOURCES MANAGEMENT

END OF SEMESTER EXAMINATION

SERIES: DECEMBER 2016

TIME: 2 HOURS

DATE: Pick Date Select Month Pick 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). Attempt question ONE (Compulsory) and any other TWO questions.

Circle the correct answer in section A.

QUESTION ONE (30 MARKS)

- a) State five pre-conditions for a successful community based natural resource management (CBNRM) [5Mks]
- b) i) What is CBNRM? [1Mk]
ii) Outline four importance of CBNRM [4Mks]
- c) State any five tangible benefits of community forest associations in Kenya [5Mks]
- d) Explain how communities relate to natural resources giving examples [6Mks]
- e) Highlight four roles of BMUs in coastal fisheries and Mangrove management [4Mks]

f) State five natural resources that attracts community effort in conservation and management [5Mks]

QUESTION TWO (20 MARKS)

Compare and contrast natural resource management in modern and traditional cultures [20Mks]

QUESTION THREE (20 MARKS)

Discuss the challenges of community forest associations (CFAs) in Kenya [20Mks]

QUESTION FOUR (20 MARKS)

Explain using examples the role of “enabling institutions and actors” in natural resource management in Kenya [20Mks]

QUESTION FIVE (20 MARKS)

Explain different typology and level of participation in community based natural resource management [20Mks]