

TECHNICAL UNIVERSITY OF MOMBASA

Faculty of Applied & Health Sciences

Department of Environment & Health Sciences

University Examination for the Degree of Bachelor of Science in Marine
Resource Management

BSMR 13S/YEAR 3/SEMESTER 2

Code: AES 4310: Coastal Forests and Marine Resources

SEMESTER EXAMINATION

SERIES: MAY/2016

TIME: 2HRS

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

EXAM

AES 4310: COASTAL FORESTS AND MARINE RESOURCES Paper 1

QUESTION ONE (30 MARKS)

- a) List and briefly explain the types of forest/vegetation classification systems (5 marks)
- b) Why is it important to classify forests? (5 marks)
- c) What criteria is used to classify forests? (5 marks)
- d) List the main species of mangroves found along the East African coast (5 marks)
- e) List and briefly explain the key threats facing mangroves forests within the East African region (5 marks)
- f) What are mangroves and state the key characteristics of mangroves (5 marks)

QUESTION TWO (20 MARKS)

Explain the main features of the Eastern Africa coastal forest?

QUESTION THREE (20 MARKS)

State and explain the main threats and challenges facing coastal forests in East Africa.

QUESTION FOUR (20 MARKS)

Discuss the roles played by mangrove ecosystems

QUESTION FIVE (20 MARKS)

State and briefly explain the various ways mangrove forests can act as carbon sinks