

TECHNICAL UNIVERSITY OF MOMBASA

FACULTY OF APPLIED AND HEALTH SCIENCES

DEPARTMENT OF ENVIRONMENT OF HEALTH AND HEALTH SCIENCES

**University Examination for the Degree of Bachelor of Science in Marine Resources
Management**

BSMR 13S / Year 3 / Semester 2

Code: AES 4309: Wetlands Ecology and Management

SEMESTER EXAMINATION

Series: May / 2016

TIME: 2 Hours

Instructions to candidates:

This paper consist of FIVE questions

Answer question ONE (compulsory) and any other TWO questions

This paper consists of two printed pages

QUESTION ONE

SECTION A:

- a. What are wetlands? [3 marks]
- b. State the importance of wetlands in arid regions? [3 marks]
- c. State the threats to arid wetlands in Kenya? [3 marks]
- d. Explain the importance of healthy rivers? [3 marks]
- e. Where are Peatlands found? [3 marks]
- f. What type of plants and animals are found in wetlands? [3 marks]
- g. State the type of crops are sometimes grown in wetlands? [3 marks]
- h. How are wetlands important to wildlife? [3 marks]
- i. State the difference between manmade, constructed and natural wetland? [3 marks]
- j. What are the different types of wetlands found in Kenya? [3 marks]

SECTION B:

2. Discuss the challenges and strategies in wetland conservation and management? [20 marks]
3. Discuss the threats to rivers in Kenya? [20 marks]
4. (i). Discuss research, education and awareness of wetland policy in Kenya? [10 marks]
4. (ii). Discuss the major threats to wetlands? [10 marks]
5. Discuss how wetlands affect human beings? [20 marks]