



MASENO UNIVERSITY
UNIVERSITY EXAMINATIONS 2013/2014

THIRD YEAR FIRST SEMESTER EXAMINATIONS FOR THE
DEGREE OF BACHELOR OF SCIENCE IN EARTH SCIENCE WITH
INFORMATION TECHNOLOGY

(MAIN CAMPUS)

NGA 306: WETLANDS AND THEIR RESOURCES

Date: 9th April, 2014

Time 2.45 – 5.00 p.m.

INSTRUCTIONS:

- Answer Question ONE and any other TWO questions.
- Sketch maps and diagrams should be used whenever appropriate.



NGA 306: WETLANDS AND THEIR RESOURCES

1. a) Define the term wetland and describe its hydrology and ecology.
(15 marks)
b) Explain the biogeochemical processes which sustain and regulate wetland ecosystems.
(15 marks)
2. 'Wetlands are wastelands and need to be converted into other profit making developments'. Discuss.
(20 marks)
3. 'Geophysical factors are to blame for wetlands degradation and loss'. Discuss.
(20 marks)
4. Compare the US and Cowardin systems of wetland classification.
(20 marks)
5. Explain Ramser convention and its role in wetlands management.
(20 marks)
6. Discuss the relevance of co-management approach in wetlands management.
(20 marks)