



MASENO UNIVERSITY

UNIVERSITY EXAMINATIONS 2015/2016

**SECOND YEAR FIRST SEMESTER EXAMINATIONS FOR
THE DEGREE OF MASTER OF SCIENCE IN BOTANY
(PLANT ECOLOGY)**

MAIN CAMPUS

SBT 821: WETLAND ECOLOGY

Date: 3rd May, 2016

Time: 8.30 - 11.30 am

INSTRUCTIONS:

- Answer ALL questions in SECTION A and any other THREE questions from SECTION B

MAIN CAMPUS

SBT 821: WETLAND ECOLOGY

DATE:

TIME:

INSTRUCTIONS:

.Answer Compulsory Questions in section A and any THREE Questions from section B.

SECTION A: COMPULSORY QUESTIONS IN SECTION A (30 MARKS)

1. Compare and contrast primary productivity and nutrient cycling in wetlands (15marks).
2. Discuss the adaptations of wetland plants (15 marks).

SECTION B: Answer THREE Essay Questions

3. Explain the role of hydrology and hydroperiod in wetlands (10 marks).
4. Discuss the Bog ecosystems (10 marks).
5. Discuss the ecological and economic significance of the wetlands (10 marks).
6. Describe the distribution and characteristics of the mangrove ecosystem (10 marks).
7. Discuss the effects of human attitudes and activities on wetlands (10marks).