



MASENO UNIVERSITY
UNIVERSITY EXAMINATIONS 2013/2014

FIRST YEAR SECOND SEMESTER EXAMINATIONS FOR THE
DEGREE OF MASTER OF SCIENCE IN ENVIRONMENTAL
SCIENCE

(HOMA BAY CAMPUS)

**NES 826: ENVIRONMENTAL PROTECTION AND
CONSERVATION**

Date: 29th March, 2014

Time: 2.00 - 5.00 p.m.

INSTRUCTIONS:

- Answer ANY FOUR questions.
- All questions carry equal marks.



NES 826: ENVIRONMENTAL PROTECTION AND CONSERVATION

(HOMA-BAY LEARNING CENTRE)

Time 3 hrs

Date _____

INSTRUCTIONS

Answer any FOUR questions

- 1) Biomagnification and Bioaccumulation are properties of environmental pollutants which are non-biodegradable. Using two specific examples discuss how heavy metals from industrial and agricultural productions may lead to human health problems in 1950s in Japan. (15 mks)
- 2 a) Discuss how establishment of National and Marine Parks can facilitate or impede social benefits driven from environmental resources by the populace. (10 mks)
- b) Explain factors that usually mess about common property exploitation rights of common people in Kenya? (5 mks)
- 3 a) Loss of biodiversity and land degradation are both global environmental issues with positive feed back on one another. Discuss. (10 mks)
- b) Elucidate the ecological functions of swamps on landscapes. (5 mks)
- 4) Carbon dioxide problem is a global environmental issue. Discuss how it has contributed to global food insecurity? (15 mks)

5 a) Elucidate why it has been acknowledged that climate change drivers include natural phenomenon hiding behind human activities? (10 mks)

b) Explain factors that can hold back a country to achieve both sustainable development and environmental conservation at the same time. (5 mks)

6 a) Explain the relevance of international communities on environmental protection and conservation in third world countries. (10 mks)

b) Discuss factors that can encumber the implementation process of environmental policies for adequate environmental protection and conservation. (5 mks)