



MASENO UNIVERSITY
UNIVERSITY EXAMINATIONS 2015/2016

SECOND YEAR SECOND SEMESTER EXAMINATIONS FOR THE
DEGREE OF BACHELOR OF SCIENCE IN ENVIRONMENTAL
SCIENCE WITH INFORMATION TECHNOLOGY

MAIN CAMPUS

**NES 210: ECONOMICS OF NATURAL RESOURCE
MANAGEMENT**

Date: 19th April, 2016

Time: 11.00 - 1.00 pm

INSTRUCTIONS:

- Answer question ONE and any other TWO questions.

- 1a. Explain the natural capital. (10 Marks)
- b. Examine the relationship between economic systems and the environment. (10 Marks)
- c. Briefly explain the social dilemmas that influence natural resource management. (10 Marks)
- 2 Explain the following concepts as applied in the management of natural resources:
- i) Public goods. (10 Marks)
- iii) Externalities. (10 Marks)
- 3a. Examine the characteristics of property rights with specific reference to Kenya's natural resources. (8 Marks)
- b. Explain the appropriateness of the state property rights regime in conservation of natural resources. (12 Marks)
4. The criteria used to allocate a natural forest land to agriculture are complex. Discuss. (20 Marks)
5. Classification of natural resources might perpetuate their mismanagement. Discuss. (20 Marks)
6. Explain circumstances where use of solar energy might reduce pressure on socio-economic and natural resources (20 Marks)