



MASENO UNIVERSITY
UNIVERSITY EXAMINATIONS 2013/2014

FIRST YEAR FIRST SEMESTER EXAMINATIONS FOR THE
DEGREE OF BACHELOR OF SCIENCE IN ENVIRONMENTAL
STUDIES WITH INFORMATION TECHNOLOGY
(MAIN CAMPUS)

**NES 101: INTRODUCTION TO ENVIRONMENTAL
STUDIES**

Date: 19th November, 2013

Time: 2.30 - 4.30 p.m.

INSTRUCTIONS:

- Answer Question ONE and any other TWO questions.

NES 101: INTRODUCTION TO ENVIRONMENTAL STUDIES

INSTRUCTIONS: Answer question ONE and any Other TWO Questions

1. EMCA 1999 is the principal law guiding environmental management in Kenya;
 - a) Describe the three anchors of this law [10 Marks]
 - b) Explain the role of NEMA in maintaining environmental standards in the country [10 Marks]
 - c) How would existence of this law help reduce garbage accumulation in an urban estate [10 Marks]

2. Discuss the role of population characteristics, properties and processes in ensuring environmental quality along the constantly contaminated beaches of Lake Victoria. [20 Marks]

3. In Africa it is a fact that we are well endowed with natural resource wealth yet it is also known that Africans are among the poorest in the world.
 - a) Describe the natural resource situation in your county [5 Marks]
 - b) What are some of the threats to the ecosystem arising from the residents' activities. [7 Marks]
 - c) Explain some strategies that you would use to reverse these trends. [8 Marks]

4. Human beings are known to be dirty animals and also as ecological dominants. Discuss the root causes of these tendencies, and how they may be handled. [20 Marks]

5. Write brief notes on the following;
 - a) Ecosystem [5 Marks]
 - b) Environmental hotspots [5 Marks]
 - c) Environmental ethics [5 Marks]
 - d) Nature's endowments [5 Marks]

6. a) Discuss the three key pillars of sustainable development. [10 Marks]
b) How would you relate these pillars to the conditions that would ensure efficient natural resource management. [10 Marks]