



MASENO UNIVERSITY
UNIVERSITY EXAMINATIONS 2013/2014

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

(HOMA BAY CAMPUS)

NES 820: ENVIRONMENTAL THEORY AND PRACTICE

Date: 30th November, 2013,

Time: 1.00 - 4.00 p.m.

INSTRUCTIONS:

- **Answer ANY FOUR questions.**
- **Each question is 15 marks.**

NES 820: ENVIRONMENTAL THEORY AND PRACTICE (*Homabay Campus*)

INSTRUCTIONS: Answer ANY FOUR Questions [Each Question is 15 Marks]

1. The greatest desire of many citizens of the world is that a new era of economic growth can be attained, one based on policies that sustain and expand the Earth's resource base. Discuss the variance between theory and practice that reduces the chances of achieving this desire.
2. Discuss some four foundations of Environmental theory showing their significance in the management of badly degraded areas of the ecosystem.
3. In Socratic thought, the essence of life is pursuit of good. That good can be equated with truth, hence if you find the truth you find good. In environmental management, good is the ultimate. Analyze these statements and discuss their relevance in the management of a choking ecosystem like Lake Victoria.
4. The concept of 'Needs' and 'Limitations' are fundamental to securing this earth for the future. Discuss.
5. Discuss what is entailed in the Happy Planet Index (HPI) and its relation to the human tendency of 'Greed' and 'Stupidity' in natural resources management.
6. Compare and contrast 'Conservation' and 'Common sense' in the face of risks and vulnerability faced in the earth today.