



MASENO UNIVERSITY
UNIVERSITY EXAMINATIONS 2015/2016

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

MAIN CAMPUS

**NES 310: ENVIRONMENTAL PLANNING AND
MANAGEMENT**

Date: 26th April, 2016

Time: 11.00 - 1.00 pm

INSTRUCTIONS:

- Answer Question ONE and any other TWO questions.

1. (a) Write briefly on an integrative resource map as an environmental planning tool. (6mks)
(b) Explain the factors normally considered when determining erosion potential of a construction site. (7mks)
(b) Briefly explain the main features of an Environmental Management Plan. (5mks)
(d) Discuss a probable baseline survey suitable for establishing Environmental Action Plan for Maseno University. (12marks)

2. The destruction of the Mau forests has destabilized the ecology of its entire catchment. Propose a simplified Environmental Action Plan to mitigate this situation. (20mks)

3. (a) Giving examples, discuss community-based environmental management activities. (10mks)
(b) Expound on the principles and practice as used in Integrated coastal zone management. (10mks)

4. Critically examine land use plans that would limit environmental pollution due to agricultural projects in Kenya. (20mks)

5. Discuss the historical development of Environmental Planning and Management Institutions. (20mks)

6. Discuss the existing opportunities for making planning a more effective tool for development in sub Sahara Africa. (20 marks)

