



C1

# MASENO UNIVERSITY

## UNIVERSITY EXAMINATIONS 2017/2018

FIRST YEAR FIRST SEMESTER EXAMINATION FOR  
THE DEGREE OF BACHELOR OF SCIENCE IN  
ENVIRONMENTAL SCIENCE WITH INFORMATION  
TECHNOLOGY

### MAIN CAMPUS

### NES 101: INTRODUCTION TO ENVIRONMENTAL STUDIES

Date: 13<sup>th</sup> February, 2018

Time: 3.30 - 6.30pm

---

**INSTRUCTIONS:**

- Answer Question ONE and any other TWO.



## NES 101: INTRODUCTION TO ENVIRONMENTAL STUDIES

### INSTRUCTIONS: Answer question ONE and any Other TWO Questions

1. a) Explain the value of the three key elements contained in the Stockholm Declaration of 1972 [10 Marks]  
b) Show the relevance of each to EMCA 1999 [10 Marks]  
c) Indicate the role of environmental ethics in the implementation of the declaration [10 Marks]
2. Discuss with examples, how patriotism and favorable attitude of a people can act positively in the management of a forest ecosystem. [20 Marks]
3. Identify and explain any two roles which human beings play in the ecosystem around them. [0 Marks]

---

4. a) Explain why the niche and habitat of an organism are so crucial for its survival. [10 Marks]  
b) Give reasons why understanding of the three levels of nature can shape human behavior towards the ecosystem. [10 Marks]
5. As an up-coming environmentalist in your village, which is faced with a series of environmental challenges, identify any one environmental threat and show three steps that you would employ in working to reverse the situation. [20 Marks]