
CHUKA



UNIVERSITY

**UNIVERSITY EXAMINATIONS
CHUKA / THARAKA**

**EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF SCIENCE IN
CHEMISTRY, FOOD SCIENCE, ECOTOURISM, COMMUNITY DEVELOPMENT,
LIBRARY SCIENCE, BACHELOR OF ARTS IN COMMUNICATION & MEDIA AND
AGRIBUSINESS**

ENSC 100: INTRODUCTION TO ENVIRONMENTAL EDUCATION

STREAMS: Y1S1

TIME: 2 HOURS

DAY/DATE: THURSDAY 13/12/2018

2.30 P.M – 4.30 P.M

INSSTRUCTIONS:

- **Answer all the questions in section A and any other TWO questions in section B**
- **Do not write anything on the question paper**

SECTION A (30 MARKS)

1. Differentiate the following terms as used in environmental studies. [6 marks]
 - (a) Biodiversity conservation and biodiversity preservation
 - (b) Ecosystem and ecology
 - (d) Point source pollution and non point source pollution
2. With the help of a diagram, explain the different layers of the atmosphere. [6 marks]
3. Citing suitable examples, explain the structure of an ecosystem. [4 marks]
4. In a systematic manner, illustrate the different levels of ecological organization. [6 marks]
5. Highlight four reasons behind high fertility rates in developing countries. [4 marks]
6. Outline four environmental problems of rural settlements in Kenya. [4 marks]

SECTION B (40 MARKS)

7. (a) Describe eutrophication as a phenomenon associated with water pollution. [10 marks]
- (b) Explain ten measures that can be used for preventing water pollution in developing countries. [10 marks]
8. (a) Explain how environmental degradation inhibits the achievement of sustainable development in Africa. [10 marks]
9. (a) Describe the different phases in disaster preparedness and management. [10 marks]
- (b) Discuss the SMUG model for hazard prioritization. [10 marks]
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