

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

FIRST YEAR EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF SCIENCE IN AGRICULTURE, HORTICULTURE, BIOMEDICAL, AGRICULTURAL EDUCATION AND EXTENSION AND BACHELOR OF ARTS IN CRIMINOLOGY

ENSC 100: ENVIRONMENTAL EDUCATION

STREAMS:

TIME: 2 HOURS

DAY/DATE: TUESDAY 30/03/2021

11.30 A.M – 1.30 P.M

INSTRUCTIONS:

Answer ALL questions in section A and any two in section B

Do not write on the question paper

SECTION A (30 MARKS)

1. Define the following terms;
 - (a) Ecosystem [2 marks]
 - (b) Sustainable environment [2 marks]
 - (c) Tragedy of the commons [2 marks]
2. What do you understand by 'environmental management'. [2 marks]
3. Describe man-nature relationship. [3 marks]
4. Clearly explain the elements of environment. [4 marks]
5. Briefly explain the role of Non-Governmental Organizations (NGOs) in environmental management in Kenya. [5 marks]
6. Briefly explain various phases in Disaster Preparedness and Management. [5 marks]
7. Briefly discuss five factors that constraint sustainable development in sub Saharan Africa. [5 marks]

SECTION B (40 MARKS)

8. (a) Briefly explain point and non-point sources pollution. [10 marks]
(b) Discuss the types of ecosystems on the surface of the earth. [10 marks]
9. (a) Briefly discuss principles of sustainable development. [10 marks]
(b) Discuss various impacts of natural disasters. [10 marks]
10. Discuss the goals, objectives and principles of environmental education. [20 marks]
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