

CHUKA



UNIVERSITY

SUPPLEMENTARY / SPECIAL EXAMINATIONS

FORTH YEAR EXAMINATION FOR THE AWARD OF BACHELOR OF SCIENCE IN AGRICULTURE, BACHELOR OF TOURISM MANAGEMENT AND BACHELOR OF SCIENCE IN AGRICULTURAL EDUCATION AND EXTENSION

ENSC 100: ENVIRONMENTAL EDUCATION

STREAMS: (BSC AGRI; BTOM; AGED) Y1S1

TIME: 2

HOURS

DAY/DATE: WEDNESDAY 18/11/2020

5.00 P.M – 7.00 P.M.

INSTRUCTIONS:

- Answer **ALL** Questions in **SECTION A** and **ANY TWO** in **SECTION B**
- **Do not write anything on the question paper**

SECTION A (30 MARKS)

- 1) Differentiate the following terms as applied in Environmental Education (6 marks)
 - a) Environmental education and environmental information
 - b) Meteorological disasters and climatological disasters
 - c) Bioaccumulation and Biomagnification
- 2) Outline four environmental problems of rural settlements in Kenya (4 marks)
- 3) Highlight four reasons behind high fertility rates in developing countries (4 marks)
- 4) Write short notes on ecosystem services (6 marks)
- 5) Explain briefly the various levels of biological diversity (6 marks)
- 6) Discuss “invasive species” as a significant threat to biodiversity in Kenya (4 marks)

SECTION B: 40 MARKS

- 7) (a) Discuss five main causes of water pollution in Kenya (10 marks)
(b) Explain ten ways in which water pollution in Kenya can be controlled (10 marks)
- 8) (a) Describe ten guiding principles of environmental education (10 marks)
(b) Discuss five objectives of environmental education (10 marks)
- 9) Discuss the political factors that constrain the achievement of sustainable development in Kenya (20 marks)
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