

**CHUKA**



**UNIVERSITY**

**UNIVERSITY EXAMINATIONS**

**FIRST YEAR EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF  
SCIENCE IN ENVIRONMENTAL SCIENCE**

**ENSC 112: ENVIRONMENT AND DEVELOPMENT**

**STREAMS: BSC ENSC Y1S2**

**TIME: 2 HOURS**

**DAY/DATE: MONDAY 22/03/2021**

**2.30 P.M. – 4.30 P.M.**

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**INSTRUCTIONS:**

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

**SECTION A (30 MARKS)**

1. Explain the meaning of the following terms as used in environment and development
  - (a) Intergenerational equity and intergenerational equity. (2 marks)
  - (b) Unemployment and underemployment. (2 marks)
  - (c) Gender and sex. (2 marks)
2. Describe the resource curse phenomenon that is common in many developing countries. (6 marks)
3. Explain what Agenda 2030 is and discuss its foundational principles. (6 marks)
4. Using an example, explain the push and pull technology in pest management. (6 marks)
5. Explain six characteristics of underdeveloped countries. (6 marks)

**SECTION B (40 MARKS)**

6. (a) Explain five ways in which crime undermines development in most African countries. (10 marks)

(b) Discuss ways in which the achievement of sustainable development goal one (1) will enhance environmental conservation in Africa. (10 marks)

7. (a) Discuss the four models that explain the relationship between gender and development. (12 marks)

(b) Explain eight reasons behind the involvement of communities in environmental conservation. (8 marks)

8. Discuss five modern agricultural practices and their impacts on the environment. (20 marks)

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