



THE CATHOLIC UNIVERSITY OF EASTERN AFRICA

A. M. E. C. E. A

MAIN EXAMINATION

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AUGUST – DECEMBER 2018 TRIMESTER

FACULTY OF ARTS AND SOCIAL SCIENCES

DEPARTMENT OF DEVELOPMENT STUDIES

ODEL PROGRAMME

**SDS 413: NATURAL RESOURCES AND ENVIRONMENTAL
MANAGEMENT**

Date: DECEMBER 2018

Duration: 2 Hours

INSTRUCTIONS: Answer Question ONE and ANY OTHER TWO Questions

- Q1. a) What do you understand by the sustainable development and the theory behind it? **(6 Marks)**
- b) Put down a short brief on the earth's science system **(6 Marks)**
- c) Comment on the significance of fisheries and the fishing industry in any economy **(6 Marks)**
- d) What kind of human activities pose extinction dangers to certain animals? **(6 Marks)**
- e) Briefly explain the challenges faced in provision of adequate and safe water in typical rural and urban settings **(6 Marks)**
- Q2. a) Describe with relevant examples any three issues which you consider to be critical global environmental challenges? **(8 Marks)**
- b) What possible solutions or programmes have been introduced to address the challenges you have identified in Question 2 (a) above? **(12 Marks)**
- Q3. a) Why is waste management an issue of growing importance in developing country such as Kenya? **(10 Marks)**

- b) In your own view, what are the factors that contribute to problems with waste management at individual and community levels? **(12 Marks)**
- Q4. Describe various forms of high and low cost energy and give suggestions of how they can be managed on a sustainable basis? **(20 Marks)**
- Q5. a) Which reasons have been given for climate change? **(10 Marks)**
- b) “Everybody individual and not just the government should be actively involved in ensuring a clean environment”.
Comment on this statement of fact **(10 Marks)**

END