

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

**FOURTH YEAR EXAMINATION FOR THE AWARD OF
DEGREE OF BACHELOR OF ARTS IN ECONOMICS AND SOCIOLOGY AND
BA GENERAL**

SOCI 418: ENVIRONMENTAL SOCIOLOGY

STREAMS: Y4 S1

TIME: 2 HOURS

DAY/DATE : WEDNESDAY 22 /09/ 2021

8.30 AM – 10.30 AM

INSTRUCTIONS TO CANDIDATES:

- Answer Question One and any other Two Questions.
- DO NOT WRITE ANYTHING on the question paper.

Q1. Using relevant examples to illustrate your answer,

(a) Explain the following terms

- (i) Environmental racism [3 Marks]
- (ii) Environmental justice [3 Marks]
- (iii) Ecological balance [3 Marks]
- (iv) Ecological imprint [3 Marks]

(b) (i) What is the meaning of the term ecosystem? [3 Marks]

(ii) Identify three structures of the ecosystem and discuss their functions in the ecosystem. [15 Marks]

Q2. “Man has become an agent of his own destruction and that of the entire biosphere on planet earth.” Discuss. [20 Marks]

- Q3. The Treadmill of production Theory is a theory for understanding the environment.
- (a) State two assumption of the theory. [5 Marks]
 - (b) Identify two current environmental problems in Kenya and discuss how the Treadmill of production Theory would explain the problems. [10 Marks]
 - (c) Based on your answer in (b) above, what solutions (s) would be appropriate for one of the problems above? [5Marks]

Q4. Enumerate three achievements of the

- (a) United Nations' Conference on Environment and Development held in Rio De Janiero, Brazil in 1992. [12 Marks]
- (b) Explain one way Kenya has endeavoured to conserve her biological resources for the benefit of communities. [8 Marks]

Q5. Define the term Environmental Impact [2 Marks]

- (a) Your County Tharaka Nithi has a project which entails building a road from Chuka to Marimanti covering about 60km. You, as an Environmental sociologist has to advise on the environmental issues and the mitigation measures the project implementers must consider.
- (b) Identify two environmental issues associated with the project. [6 Marks]
- (c) Identify two benefits derived from the project that are with the environmental damages sustained. [6 Marks]
- (d) Enumerate two action that can be taken about the adverse impacts of the project. [6 Marks]

Q6. Identify and explain three major causes of deforestation. What are.

- (a) Its consequences? [10 Marks]
 - (b) Write a brief account of the strategy you would adopt to conserve and extend Kenya's forest wealth. [10 Marks]
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