



**KISII UNIVERSITY**  
**UNIVERSITY EXAMINATIONS**

**FOURTH YEAR EXAMINATION FOR THE AWARD OF THE DEGREE OF  
BACHELOR OF ARTS IN SOCIOLOGY, GENDER AND DEVELOPMENT STUDIES  
SECOND SEMESTER, 2023/2024  
(JANUARY-APRIL, 2024)**

**ECON 453: NATURAL RESOURCE ECONOMICS**

**STREAM: Y4 S2**

**TIME: 2 HOURS**

**DAY: MONDAY, 12:00 – 2:00 P.M.**

**DATE: 22/04/2024**

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**INSTRUCTIONS**

- 1. Do not write anything on this question paper.***
- 2. Answer Question ONE (compulsory) and any other TWO Questions.***

**QUESTION ONE (COMPULSORY)**

**(a)** Explain the meaning of the following terms as used in the course.

- (i) Natural
  - (ii) Economics
  - (iii) Ecological factors
  - (iv) Renewable resources
  - (v) Environmental conservation (5marks)
- (b) State two measures in natural resources conservation. (5marks)
- (c) Mention 5 causes of environmental degradation. (5marks)
- (d) State 5 characteristics of renewable natural resources. (5marks)
- (e) Give general characteristics of all natural resources. (10marks)

**QUESTION TWO**

Resources are vital for sustainable development. Discuss requirements of sustainable development according to WCED 1987. (20marks)

**QUESTION THREE**

Discuss on any 5 principles of sustainable development according to UNEP WWF/1991. (20marks)

**QUESTION FOUR**

There is a close relationship between conservation and economic development.  
Justify this assumption. (20marks)

**QUESTION FIVE**

Make a detailed account on your understanding above elements of resource economics. (20marks)