



# MANICALAND STATE UNIVERSITY OF APPLIED SCIENCES

FACULTY OF AGRIBUSINESS AND COMMERCE

DEPARTMENT OF AGRICULTURE ECONOMICS

AND

DEVELOPMENT

HERITAGE BASED NATURAL RESOURCES MANAGEMENT

CODE: AEDT 214

SESSIONAL EXAMINATIONS

AUGUST 2022

DURATION: 3 HOURS

EXAMINER: MR. N. JAMBO

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## **INSTRUCTIONS**

- 1. Answer ANY Four (4) questions*
  - 2. Be concise and clear*
  - 3. Start a new question on a fresh page*
  - 4. Total marks 100*
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### QUESTION 1

- a) Define Heritage based natural resource management. [3]
- b) Differentiate between the following types of resources using examples:
  - i. Renewable and non-renewable resources [8]
  - ii. Exhaustive and inexhaustive resources. [4]
- c) Explain the importance of natural resources. [10]

### QUESTION 2

- a) Write notes on the following acts under the Zimbabwe National Environmental Legislation.
  - i. Environmental Management Act [5]
  - ii. Forestry Act [5]
  - iii. Communal Lands Forestry Produce Act [5]
  - iv. Parks and Wildlife Management Act [5]
  - v. Prevention of Cruelty to Animals Act [5]

### QUESTION 3

- a) Discuss the advantages and disadvantages of using coal as an energy source in Zimbabwe. [16]
- b) Using relevant examples, differentiate between Biotic and Abiotic Natural resources. [4]
- c) Outline any five (5) goals for sustainable resource development. [5]

### QUESTION 4

- a) Explain any three (3) basic techniques for controlling soil erosion when practicing soil conservation on farm land. [9]
- b) Discuss the challenges affecting the administration and management of natural resources in Zimbabwe. [16]

### QUESTION 5

- a) What do you understand by the following classes of natural resources?
  - i. Actual resources [2]
  - ii. Potential resources [2]
  - iii. Reserve resources [2]
  - iv. Stock resources [1]
- b) Environmental Conservation is the practice of human beings to save the environment from collapsing. You have been offered a position as the Environmental Conservation Officer. Explain strategies or ways in which environmental protection or conservation can be achieved. [18]

**END OF EXAMINATION**