



*“Investing in Africa’s Future”*

**COLLEGE OF HEALTH, AGRICULTURE AND NATURAL SCIENCES**

**NANR 212: INTRODUCTION TO NATURAL RESOURCES MANAGEMENT**

**END OF SECOND SEMESTER SUPPLEMENTARY EXAMINATIONS**

**JULY 2022**

**LECTURER: MS. M. C. KUREHWATIRA**

**DURATION: 3 HOURS**

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***INSTRUCTIONS***

Answer all questions in section A and any three questions in section B

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## Section A

### Question 1

- a) Define the following:
- i. Community Based Natural Resources Management, [2 marks]
  - ii. Integrated Environmental Management, [2 marks]
  - iii. Natural resources and [2 marks]
  - iv. Sustainable Development. [2 marks]
- b) Describe any three impacts of technology on natural resources in Africa. [9 marks]
- c) State and elaborate on three natural resources property ownership regimes in Africa. [9marks]
- d) With the aid of a diagram describe in detail the sewage treatment process at Gimboki sewage treatment plant in Mutare. [14 marks]

## Section B

### Question 2

Using example, describe the history of natural resource use and management in Africa. [20 marks]

### Question 3

Give a detailed description of the natural resources found in Nyanga National Park. [20 marks]

### Question 4

- a) Describe any four principles of Integrated Environmental Management. [8marks]
- b) With the aid of a diagram, describe one of the following
- I. the IEM process or
  - II. the cleaner production hierarchy. [12 marks]

### Question 5

Critically examine five challenges facing most CBNRM programmes in Africa and suggest possible solutions to these challenges. [20 marks]

**END OF EXAMINATION PAPER**