GWANDA STATE UNIVERSITY

FACULTY OF NATURAL RESOURCES MANAGEMENT AND AGRICULTURE

DEPARTMENT OF ANIMAL PRODUCTION AND HEALTH

BACHELOR OF SCIENCE HONOURS DEGREE IN ANIMAL SCIENCE

NATURAL RESOURCES MANAGEMENT NAP 2201

SECOND SEMESTER

FINAL EXAMINATION

June 2026

Time Allowed: **3 hours**

Total Marks: **100**

Special Requirements: **None**

Examiner's Name: **Dr. A.S. Hlatshwayo**

Instructions to Candidates:

1. *The paper consists of six questions, answer **ALL** questions in Section A and **ANY TWO** in Section B.*
2. *Marks for each question are shown in brackets. Where a question has subdivisions, the marks for each subdivision are given.*
3. *Illustrate your answer, where applicable, with large clearly labelled diagrams.*

MARK ALLOCATION

QUESTION	**MARKS**
SECTION A	**60**
SECTION B	**40**
TOTAL ATTAINABLE MARKS	**100**

This paper consists of three printed pages including this one

SECTION A: ANSWER ALL QUESTIONS IN THIS SECTION

Question 1

a. What is does Natural Resources Management mean to you? **[2 mark]**

b. Which two of each of the following are **[4 mark]**

(i) Biotic natural resources?

(ii) Abiotic natural resources?

c. Which three aspects does Natural Resources Management seek to bring together? **[3 marks]**

d. In which five ways can natural resources depletion be prevented? **[5 marks]**

e. Which four areas of Natural Resources Management are most active in the US? **[4 marks]**

f. What determines the categories Natural Resources Management? **[2 marks]**

Question 2

a. In which ways are Natural Resources affected? **[2 marks]**

b. Which stages are followed in stakeholder analysis? **[5 marks]**

c. Why is biodiversity important in an ecosystem? **[3 marks]**

d. What are the disadvantages of non-property or open access property? **[3 marks]**

e. (i) Who owns common property? **[1 mark]**

(ii) Describe the nature of common property **[3 marks]**

(iii) What are the attributes of ecosystems? **[3 marks]**

Question 3

a. What does Natural Resources Management mean to you? **[3 marks]**

b. What does Natural Resources Management focus on? **[2 marks]**

c. Which aspects are involved in Natural Resource Management? **[5 marks]**

d. What are the major components of an ecosystem? **[2 marks]**

e. State the three assumptions of Community Based Natural Resources Management? **[3 marks]**

f. What is involved in Community Based Natural Resources Management? **[2 marks]**

g. Describe three stages of the stakeholder analysis process **[3 marks]**

SECTION B. ANSWER ANY TWO QUESTIONS IN THIS SECTION

Question 4

Which ten aspects should be considered for the control of Natural Resources depletion?

[20 marks]

Question 5

(a) What are the short comings of stakeholder analysis in Natural Resources Management?

[10 marks]

(b) Describe the various approaches to Natural Resources Management **[10 marks]**

Question 6

(a) What is integrated Natural Resources Management? **[10 marks]**

(b) Write notes on ecosystems **[5 marks]**

(c) How is matter recycled? **[5 marks]**

END OF QUESTION PAPER

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