

GWANDA STATE UNIVERSITY



FACULTY OF LIFE SCIENCES

DEPARTMENT OF CROP SCIENCES

BACHELOR OF SCIENCE HONOURS DEGREE IN ANIMAL SCIENCE

Wild Plant Resources Management

LCS 2214

Second Semester Final main Examination Paper

June 2019

This examination paper consists of 3 pages

Time Allowed: 3 hours
Total Marks: 100
Special Requirements: None
Examiner's Name: Ms L. Sebele

INSTRUCTIONS

1. Answer **all** questions in Section A
2. Answer **only two** questions in Section B

MARK ALLOCATION

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

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1. **SECTION A** Answer **all** questions in Section A

Question 1

- a. Which are the major woodland types in Zimbabwe [5 marks]
- b. What are the sources of conflict between Forest Commission and the local communities on protected forests? [6 marks]
- c. Describe how Forest Commission actively protects forests from threats [9 marks]

Question 2

- a. How is CAMPFIRE a solution to the tragedy of the commons [10 marks]
- b. List the services performed by agroforestry systems for farmers and the environment [10 marks]

Question 3

- a. Describe the propagation of *Schlerocary abirrea* and its uses [12 marks]
- b. Define preservation and describe how fruits in season are preserved for later use? [8 marks]

SECTION B Answer **only two** questions

Question 4

Agroforestry involves combining tree planting with another enterprise. Describe the five main agroforestry systems [20 marks]

Question 5

- a. List five species of indigenous tree species, giving an English and scientific name for each [10 marks]
- b. Name an alien invasive plant species, describe how it causes problems and describe how it can be controlled. [10 marks]

Question 6

Describe the constraints and opportunities linked to Non-Timber Forest Products use by women [20 marks]

Question 7

Outline the important factors that are used in optimizing collection and handling of seeds from forests indigenous species [20 marks]