

GWANDA STATE UNIVERSITY



FACULTY OF LIFE SCIENCES

DEPARTMENT OF CROP SCIENCE

BACHELOR OF SCIENCE HONOURS DEGREE IN CROP SCIENCE

Wild Plant Resources Management

LCS 2214

Second Semester Final main Examination Paper

January 2021

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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SECTION A: Answer all questions

Question 1

- a. List the major woodland types in Zimbabwe and give an example of a tree species which occurs in it [10]
- b. Outline the major factors that determine the distribution/location of forest and woodland ecosystems in Zimbabwe [8]
- c. Provide names of two Acts of Parliament which help protect forests in Zimbabwe other than the Forest Act. [2]

Question 2

- a. How is CAMPFIRE a solution to the tragedy of the commons [10]
- b. Outline the functions of Forest Commission of Zimbabwe [10]

Question 3

- a. Agroforestry involves combining tree planting with another enterprise. Describe the five main agroforestry systems [10]
- b. Agroforestry systems perform a multitude of services for farmers. Describe five of these services [10]

SECTION B: Answer only two questions

Question 4

- a. Outline the criteria that a land-use practice must satisfy to be called agroforestry [10]
- b. How do you reduce possibilities of moisture stress to seedlings? [10]

Question 5

Describe the opportunities and constraints Non-Timber Forest Products for women [20]

Question 6

- a. What are the major threats to natural forests in Zimbabwe? [10]
- b. What are the efforts being made by the Forest commission to protect gazetted forests in Zimbabwe? [10]

Question 7

Outline the important factors to be considered in seed collection and handling [20]