



Great Zimbabwe University
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EXAMINATIONS OFFICE

GARY MAGADZIRE SCHOOL OF AGRICULTURE AND NATURAL SCIENCES
DEPARTMENT OF SOIL AND PLANT SCIENCES
BACHELOR OF SCIENCE (HONOURS) DEGREE IN AGRICULTURE
LEVEL 2 SEMESTER 2
EXAMINATION QUESTION PAPER

MODULE CODE	ACS214
MODULE NARRATION	Perennial crop Production
DATE	
DURATION	3 HOURS

INSTRUCTIONS TO CANDIDATES:

Answer any **FOUR** questions
Each question carries **25 marks**

Question 1

- a) Explain the importance of perennial crops in Zimbabwe [10]
- b) Describe the field production of sugarcane. [15]

Question 2

- a) Explain the role of machinery in harvesting of perennial crops [10]
- b) Discuss the importance of ecology to mango fruit quality [15]

Question 3

Describe how you would manage citrus under the following headings:

- a) Seed propagation [5]
- b) Nursery practice [5]
- c) Pest management [5]
- d) Harvesting and post-harvest handling [5]
- e) Marketing [5]

Question 4

- a) Describe how integrated management practices are used to manage fruit flies in citrus. [10]
- b) Advise perennial crop producers on methods to adapt their crop to climate variability in Zimbabwe [15]

Question 5

- a) Discuss the challenges in field coffee production in Zimbabwe. [10]
- b) Propose ways to extend the production of coffee to currently unsuitable areas in Zimbabwe. [15]

Question 6

- a) Discuss environmental hazards perennial crop production. [10]
- b) Discuss industrial uses of perennial crops in Zimbabwe. [15]

END OF EXAMINATION PAPER