

NATIONAL UNIVERSITY OF LESOTHO

FACULTY OF AGRICULTURE

AGR3501 - FOOD SECURITY AND SUSTAINABLE AGRICULTURE

FINAL EXAMINATION

Date: January 2024

Time: 3hrs

Marks: 100

INSTRUCTIONS AND INFORMATION

1. ALL questions are compulsory.
2. Number the answers correctly according to the numbering system used in this question paper.
3. Pay attention to spelling and sentence construction.
4. Write neatly and legibly.
5. Write your student number, group number and group name

Question 1

- a) The districts in the southern part of Lesotho are the most vulnerable to food insecurity, discuss the pillars that must be considered for addressing this challenge. (12)
- b) Differentiate the forms of food insecurity. (10)

Question 2

- a) Outline the principles of sustainable agriculture. (6)
- b) What are the challenges for the adoption of sustainable agriculture practices in Lesotho? (12)

Question 3

Define the following:

- a) Sustainable development (2)
- b) Integrated development approach (2)
- c) Sustainable livelihoods (2)
- d) Natural resource management (2)
- e) Sustainable agriculture (2)

Question 4

- a) Outline the goals for sustainable resource development. (5)
- b) Discuss the classification of natural resources in Lesotho. (10)

Question 5

Given the significant contribution of agriculture to climate change, advice on the approaches to practising sustainable agriculture. (15)

Question 6

- a) Describe the importance of natural resources for development. (10)
- b) What are the significant factors affecting natural resources? (10)