



MANICALAND STATE UNIVERSITY OF APPLIED SCIENCES

FACULTY OF AGRIBUSINESS AND COMMERCE

DEPARTMENT OF AGRICULTURE ECONOMICS

AND

DEVELOPMENT

AGRICULTURAL PRACTICE

CODE: AEDT104

SESSIONAL EXAMINATIONS

SEPTEMBER 2021

DURATION: 3 HOURS

EXAMINER: Mr N. SAKADZO

INSTRUCTIONS

- 1. Answer any **Four** questions*
 - 2. Be concise and clear*
 - 3. Total marks 100*
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Question 1

- a) Define the following terms
- (i) Land capability classification [1]
 - (ii) Land capability subclass [1]
 - (iii) Land capability units [1]
- b) Explain any three factors that determine the capability of a soil. [6]
- c) Describe the different land capability classes. [16]

Question 2

- a) State **three** examples of goat breeds found in Zimbabwe. [3]
- b) Outline **six** comparative advantages of sheep and goats over other domestic animals. [6]
- c) Describe **five** strategies for disease control in small ruminants. [10]
- d) Feeds are classified according to the amount of specific nutrients they supply. Briefly explain the **two** main classes of feedstuff (**roughages** and **concentrates**). [6]

Question 3

- a) State any three breeds of beef cattle (*Bos Taurus*) found in Zimbabwe. [3]
- b) Describe the management practices done in beef cattle production from calving. [18]
- c) State four signs of a cow on heat. [4]

Question 4

A farmer is willing to venture into paprika (*Capsicum annuum*) production on his piece of irrigable land.

Advise the farmer on the following:

- i. Legislation that governs production of paprika in Zimbabwe [4]

- ii. Climatic requirements for paprika [4]
- iii. Soil requirements for paprika [4]
- iv. Control of common pests and diseases with specific examples [5]
- v. Signs of maturity [4]
- vi. Drying [4]

Question 5

- a) Describe **five** methods of animal identification which small scale livestock farmers can adopt. [10]
- b) Discuss **five** animal handling facilities, outlining their advantages and disadvantages. [15]

END OF EXAMINATION