



# MANICALAND STATE UNIVERSITY OF APPLIED SCIENCES

**FACULTY OF AGRIBUSINESS AND COMMERCE**

**DEPARTMENT OF AGRICULTURE ECONOMICS  
AND  
DEVELOPMENT**

**AGRICULTURAL PRACTICE  
Code: AEDT104**

**END OF SEMESTER EXAMINATIONS  
AUGUST 2022**

**DURATION: 3 HOURS**

**EXAMINER: Mr N. SAKADZO**

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## **INSTRUCTIONS**

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

## **ADDITIONAL MATERIAL**

- 1. Calculator*
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### Question 1

a) Write short notes of the following terms:

(i) Land capability classification [5]

(ii) Land capability subclass [5]

(iii) Land capability units [5]

b) Describe the different land capability classes [10]

### Question 2

a) Describe the principle operation of a combine harvester

[10]

b) How can a farmer minimise combining losses in soyabeans or groundnuts

[5]

c) Explain the advantages and disadvantages of a combine harvester [10]

### Question 3

a) Discuss routine Cattle (*Bos Taurus*) management under the following headings

i. Dehorning [5]

ii. Colostrum [5]

ii. Castration [5]

iii. Weaning [5]

iv. Branding [5]

#### Question 4

A farmer is willing to venture into cabbage (*Brassica oleracea* var *capitata*) production on his piece of irrigable land.

Advise the farmer on the following:

i. Varietal selection [4]

ii. Climatic requirements [4]

iii. Soil requirements [4]

iv. Control of common pests and diseases with specific examples [4]

v. Signs of maturity [3]

vi. Value addition [2]

#### Question 5

a) State **three** examples of internal parasites that infest small ruminants. [3]

b) Describe the signs and symptoms for infestation by internal parasites in small ruminants [10]

c) Describe **three** drugs that can be used to control internal parasites in small ruminants. [3]

d) Explain methods that can be used to administer a worm remedy (drug) to goats and sheep. [9]

**END OF EXAM**