

Name:.....

Signature:.....

527/2

Principles and Practices of Agriculture

Paper 2

July/August 2022

2hours

BUGANDA EXAMINATIONS COUNCIL MOCKS

Uganda Certificate of Education

Principles and Practices of Agriculture

(PRACTICAL PAPER)

INSTRUCTIONS TO CANDIDATES:

- This paper consists of **five** questions.
- Answer all questions
- The answers are to be written in ink in the spaces provided.

FOR EXAMININERS' USE ONLY		
Question	Marks	Examiners' signature
1		
2		
3		
4		
5		
TOTAL		

1. You are provided with specimens **A** and **B** which are plants. Observe them and answer the following questions.

(a) Identify the diseases on specimens (01mark)

A: _____

B: _____

(b) State 4 observable damages on specimens; (04marks)

A: _____

B: _____

(c) Give 4 control measures for each disease on specimens **A** and **B**. (04marks)

A: _____

B: _____

(d) Identify the vector for the observed condition on **A** and **B**. (01mark)

A: _____

B: _____

2. You are provided with specimens **E**, **F** and **G** which are animal parasites;

(a) State two effects of each specimen on the affected animal. (03marks)

E: _____

F: _____

G: _____

(b) Give two visible adaptations of each specimen for its survival. (03marks)

E: _____

F: _____

G: _____

(c) State two ways of controlling specimens **E**, **F** and **G** on a farm. (03marks)

E: _____

F: _____

G: _____

- (d) Classify specimens E, F and G depending on where they live. (01mark)

3. You are provided with specimens **K₁, K₂, K₃, K₄ and K₅** which were obtained from a farm machine.

- (a) How are the following specimens **K₂, K₃ and K₅** suited for their functions? (03marks)

K₁:

K₂:

K₃:

- (b) How are the observable characteristic features of **K₄** enable it to perform efficiently. (02marks)

- (c) How would you maintain specimens **K₂, K₃, K₄ and K₅** to work effectively? (04marks)

K₂:

K₃:

K₄: _____

K₅: _____

(d) What would be the effects on the machine of specimens **K₂** and **K₄** faulty. (01mark)

K₂: _____

K₄: _____

4. You are provided with specimen **T** which is used on the farm.

(a) Identify the parts labeled. (2½marks)

1: _____

2: _____

3: _____

4: _____

5: _____

(b) Give the function of each part. (2½marks)

1: _____

2: _____

3: _____

4: _____

5: _____

(c) How would you care for specimen **T** on the farm? (05marks)

5. You are provided with specimens **X**, **Y** and **Z** which are common weeds.

(a) Using observable features, explain how each specimen is successful. (03marks)

X: _____

Y: _____

Z: _____

(b)(i) Classify the specimens according to life span. (01mark)

(ii) Identify specimen **X**, **Y** and **Z** by their scientific names. (1½marks)

X: _____

Y: _____

Z: _____

- (c) Suggest the type of herbicide you can use to control specimens **X, Y, Z** and why?
(4½marks)

X: _____

Y: _____

Z: _____

END