Name:……Signature:……

527/2
Principles and Practices of Agriculture
Paper 2
Jul/Aug, 2023
2hours

MATIGO MOCK EXAMINATIONS BOARD

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		

Turn Over

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 **two** observable damages on each of the specimen; (04marks)

A:

……

……

……

B:

……

……

……

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

A:

……

……

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B:

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……

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(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:

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F:

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G:

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

(03marks)

E:

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F:

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G:

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

(03marks)

E:

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……

F:

……

……

G:

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……

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

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3. You are provided with specimens **K_1, K_2, K_3, K_4 and K_5** which were obtained from a farm machine.

(a) How are the following specimens **K_2, K_3** and **K_5** suited for their functions? (03marks)

K_1:

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K_2:

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K_3:

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K_4:

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K_5:

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(b) How are the observable characteristic features of **K_4** enable it to perform efficiently. (02marks)

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(c) How would you maintain specimens **K_2, K_3, K_4** and **K_5** to work effectively? (04marks)

K_2:

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……

……

K_3:

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K_4:

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……

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K_5:

……

……

……

(d) What would be the effects on the machine if specimens **K_2** and **K_4** are faulty? (01mark)

K_2:

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……

……

K_4:

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……

……

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

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

1:

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2:

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3:

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4:

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5:

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

1:
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2:

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3:

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4:

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5:

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

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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)

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……

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

Specimen	Life span
X	
Y	
Z	

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

X:

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……
……

Y:

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……
……

Z:

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……
……

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

X:

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……

Y:

……
……
……

Z:

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……
……
……

END