Name:..... Centre / Index No. ..... / .....

Signature.....

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PRINCIPLES AND PRACTICES OF AGRICULTURE
(PRACTICAL)
Paper 2
July / August 2023
2 hours

SECONDARY SCHOOLS JOINT MOCK EXAMINATIONS, 2023

Uganda Certificate of Education

PRINCIPLES AND PRACTICES OF AGRICULTURE

Paper 2

PRACTICAL PAPER

2 HOURS

INSTRUCTIONS TO CANDIDATES:

Answer **all** *questions.*

The answers are to be written in the spaces provided.

FOR EXAMINER'S USE ONLY	
Question	Marks
1	
2	
3	
4	
5	
Total	

1. You are provided with specimens C and D which are common livestock parasites.

(a) Observe and record any four difference between the two specimens. (04 marks)

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(b) Suggest the identity of each specimen. (01 mark)

C: .....

D: .....

(c) Name one disease that is transmitted by each specimen. (01 mark)

Specimen	Disease
C	.....
D	.....

(d) Give four other ways in which specimens C and D affect the productivity of a farm animal. (04 marks)

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2. You are provided with specimen P, Q and R which are inorganic fertlisers.

(a) Identify the specimens and name the nutrients supplied by each specimen. (03 marks)

Specimen	Identify	Nutrient Supplied
P		
Q		
R		

(b) Describe how each specimen is applied in the field. (03 marks)

(i) P .....

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(ii) Q .....

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(iii) R .....

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(c) Give one reason why it is advisable to apply specimen Q on a coffee crop at the beginning of each rainy season. (01 mark)

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(d) State three ways of ensuring efficient use of specimens P, Q and R for crop growth. (03 marks)

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3. Examine specimens H_1 and H_2 provided

(a) Identify the specimen and state from which farm animals each was taken. (04 marks)

Identify	Farm animal (01 mark)
H_1:	
H_2:	

(b) Describe the observable features of specimens H_1 and H_2. (01 mark)

H_1: .....

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H_2: .....

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(c) State one functional similarity between specimen H_1 and H_2. (01 mark)

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(d) How is each specimen adapted to its function?

H_1 .....

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H_2 .....

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4. You are provided with specimen J, K L and M.

(a) Give one function of each specimen. (02 marks)

J: .....

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K: .....

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L: .....

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M: .....

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(b) Describe how each specimen is used on a farm. (04 marks)

J: .....

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K: .....

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L: .....

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M: .....

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Turn Over

(c) State one limitation of using each of the Specimens K and M. (02 marks)

K: .....

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M: .....

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(d) Give two alternative tools that could be used to achieve the purpose for which each of specimens K and M are used.

(i) Alternative for K: (01 mark)

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(ii) Alternative for M:

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5. Specimens E_1, E_2, E_3 and E_4 are weeds.

(a) Observe them and then classify them into annual and perenial weeds.

(i) Annual (01 mark)

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(ii) Perennial (01 mark)

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(b) Explain the method of classification in (a) (i) (02 marks)

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(c) Giving a reason, state the means of dispersal of specimen E_3. (01 mark)

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(d) Using observable features, state why each specimen is successful as a weed. (04 marks)

E_1 .....

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E_2 .....

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E_3 .....

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E_4 .....

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(e) give one cultural method of controlling specimens E_3 and E_4.

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END