

Name.....stream.....

DEPARTMENT OF AGRICULTURE

END OF TERM I EXAMINATION

AGRICULTURE

TIME: 1 ½ HOURS

INSTRUCTIONS

- Answer all questions in part A and any two from part B

1. (a) Which of the following is important for vegetative growth?

- A. Phosphorus B. Calcium C. Sulphur D. Nitrogen

(b) Which of the following best improves soil structure?

- A. manuring C. Minimum tillage
B. Application of Artificial fertilizers D. shifting cultivation

(c) Which of the following is a method of soil sampling?

- A. Zig zig method C. line sampling
B. Top dressing D. using a spade

(d) Which of the following is not a condition for germination?

- A. oxygen B. light C. moisture D. warmth

2. Mention any five components of soil. (5mks)

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3. Mention any three methods of applying fertilizers in the soil. (3mks)

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4. Mention any five reasons why primary cultivation is done. (5mks)

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5. What are the importances of soil sampling? (3mks)

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PART B
(Answer two questions)

6. (a) Define the term seed dormancy. (2mks)
(b) What are the causes of seed dormancy? (8mks)
(c) Mention ways through which seed dormancy can be broken. (6mks)
(d) How is seed dormancy important? (4mks)

7. (a) Define the term seed selection (2mks)
(b) Mention five reasons why seed selection is done. (5mks)
(c) What are the desirable qualities of seeds for planting? (8mks)
(d) State the advantages of seed propagation. (5mks)

8. (a) Explain the problems that affect farmers in Uganda. (10mks)
(b) How can the above problems be solved. (10mks)

9. State five advantages of each of the following farming systems
(i) Plantation farming (6mks)
(ii) Intercropping (8mks)
(iii) Mixed farming (6mks)

END