

EXTERNAL PAPER
B.O.T II EXAMS
S2 AGRICULTURE

Time: 2 Hours.

NAME:.....STREAM.....SIGN.....

INSTRUCTIONS TO CANDIDATES:

- Answer all questions

PART A
SECTION I

Circle the letter which corresponds to the best alternative

1	A	B	C	D
2	A	B	C	D
3	A	B	C	D
4	A	B	C	D
5	A	B	C	D

1. The following are characteristics of plantation farming except:
 - A. Heavily mechanized.
 - B. There is often specialization in particular products.
 - C. There is extensive use of local labour.
 - D. Cultivated patches are usually small and scattered.
2. The following are examples of modern systems of farming in Uganda except
 - A. mixed farming
 - B. plantation farming
 - C. pastoral system
 - D. ranching.
3. The type of erosion which has bigger rills forming large U or V-shaped channels is called;
 - A. Rill erosion.
 - B. Gulley erosion
 - C. Sheet erosion
 - D. Rain drop erosion

4. The following are advantages of vegetative propagation except.
- A. it helps to reproduce plants which do not produce viable seeds.
 - B. the offsprings are genetically uniform and similar to the parents.
 - C. It controls the spread of parent diseases.
 - D. The plants generally mature faster.
5. A soil profile with horizon A and C only
- A. is a young soil.
 - B. has been eroded.
 - C. lacks organic matter
 - D. has been formed from sediment deposits.

SECTION II
Fill in the blank spaces

1. a) What do you understand by the term plant propagation? (1 mark)

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- b) (i) What is vegetative propagation? (1 mark)

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- (ii) Give three examples of methods of vegetative propagation (3 marks)

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2. What is the difference between manures and fertilizers? (2 marks)

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3. **List the three methods of land preparation** (3 marks)
- (i)
- (ii)
- (iii).....
4. **Define the following** (5 marks)
- (a) **Pricking out**
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- (b) Harrowing.....
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- (c) Hardening off.....
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- (d) Thinning.....
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- (e) Pruning.....
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5. **What are the five advantages of planting crops on ridges?** (5 marks)
- (i)
- (ii)
- (iii)
- (iv)
- (v)
6. **What do you understand by the word 'primary tillage'** (2½ marks)
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PART B:

ANSWER ALL QUESTIONS

1. (a) **Explain the various factors that influence soil formation.**
(b) **Explain the importance of soil texture in crop production.**
2. (a) **What is manure?**
(b) **List five factors affecting quality of farm yard manure.**
(c) **List five methods through which soil can loose its fertility.**