

Names:.....**Index. No:**.....

School Exam Number.....**Signature:**.....

*Candidates should **NOT** write their Centre Name
or Centre Number anywhere on this booklet*

527/2
AGRICULTURE
(PRACTICAL)
Paper 2
14 August 2024
2 hours



ENTEBBE JOINT EXAMINATION BUREAU

Uganda Lower Secondary Certificate of Education

AGRICULTURE

Paper 2

PRACTICAL

2 hours

INSTRUCTIONS TO CANDIDATES:

*This paper consists of **two** compulsory items.*

Answer both items in the spaces provided.

FOR EXAMINER'S USE ONLY		
ITEM	SCORE	EXAMINER'S INITIALS
1		
2		
TOTAL		

Item 1

One of the ideal conditions for seeds to germinate well when planted is the amount of moisture available in the soil. Even when the seedlings have emerged, this factor remains important in crop growth and development.

A farmer has **three** plots where the samples **C**, **D** and **E** were picked. He wants to use them to grow his maize. He is interested in using the ideal soils for excellent seed germination.

Task.

Carry out a scientific investigation using three samples and thereafter, write your recommendations.

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Item 2

Animals need to be fed well on balanced feeds that are rich in all nutrients in order to realize high productivity. A farmer grazes his animals on a communal piece of land that is poorly-managed and mixed with many plant species. Animals feed on these plants but their production has continued to be low.

However, around his compound, there are four pasture plant species represented by specimens **F, G, H** and **J** on which his animals occasionally feed in the evening after grazing. He has continuously observed an increased yield of milk whenever his animals feed on these specimens and he has decided to grow them in one of his plots.

Task:

With reasons, guide the farmer about the combination of specimens to use, how to establish them in the garden and how to use them to feed the animals.

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