

Student's Name: Steam:

Signature:

Random No.					Personal No.		

(Do not write your School/ Centre Name or Number anywhere on this booklet.)

553/1

BIOLOGY

Theory

Paper 1

April 2025

2 hours



ASK INTEGRATED TEACHERS' EXAMINATIONS BUREAU LTD

Uganda Lower Secondary Certificate of Education

END OF TERM 1 ASSESSMENT 2025

BIOLOGY PAPER 1

SENIOR TWO

(Theory)

2 Hours

INSTRUCTIONS TO CANDIDATES:

This paper consists of four examination items.

It has two sections; A and B.

Section A has three compulsory items.

Section B has two examination items. Answer one item from this section.

Answer three items in all.

Any additional item(s) answered will not be scored

SECTION A

Answer **all** the items in this section in the spaces provided.

Item 1.

While in a Biology lesson, Mr. Mutyaba informed all learners that the biological hierarchy relates with the different political administration levels in Uganda. In this scenario, he used man as an example. Luswata, one of the students in Mr. Mutyaba's class has found a challenge in relating the concept.

Task

(a). As a wise Biology student, help Luswata to identify both the biological hierarchies and the political administrative levels that Mr. Mutyaba was talking about. (04 scores)

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(b). Further help Luswata to outline the biological hierarchy for classification of man. (04 scores)

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(c). Explain to Luswata why it would be important to classify man. (02 scores)

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ITEM 2

Mr. Bakitabwire grows beans as his source of income to pay fees and cater for the family needs. His land has been exhausted therefore the yields lowered. He decided to hire a new piece of land in a nearby village. When he started ploughing the land, it was hard and sticky. He employed a tractor but when he planted, the beans still gave a very poor yield due to too much rain.

(a) Why did the Mr. Bakitabwire' s land get exhausted? **(2 scores)**

(b) Which soil type was at the land hired by Mr. Bakitabwire? Give reason for your answer. **(2 scores)**

(c) How did the too much rain affect the bean yield? **(3 marks)**

(d) Write a short piece of things that you would do if you were Mr. Bakitabwire. **(3 scores)**

SECTION B

Answer only **one** item from this part. Answers should be written in the answer booklet(s) provided.

Item 3.

Students of S.1 went in a school garden. They uprooted whole mature plants of maize and beans. They were given a task of identifying which of the two plants is a dicotyledonous or monocotyledonous plant. There arose a disagreement between them on which is a dicot and monocot.

As a S.2 student who has studied biology of the phylum Angiospermatophyta, how can you settle the disagreement?

Item 4

Mr. Waiswa is a builder. He wanted to know how organization of body cells works by relating them to his work. He joins bricks to form a wall, walls to form rooms, rooms to form a house and houses to form a village.

As a student who has studied cell organization;

- a) Explain what a brick, wall, room, house and villages represent.
- b) Define each and give 3 examples of each level present in your body.

END