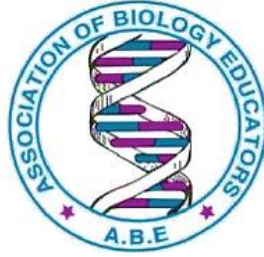


Learner's name _____

553/1
BIOLOGY
(Theory)
Paper 1
Nov-2023
1Hour: 40Mins.



**Uganda Lower Secondary Certificate of Education
End of Year Examinations 2023
Senior TWO
(Theory)
1 Hour: 40 Minutes.**

INSTRUCTIONS TO LEARNERS

Respond to all items

Responses must be written in the space provided only.

Item 1.

Crop growing is one of the major activities practiced by people living along the shores of L. Victoria. During heavy rains, a lot of water flows from the main land into the Lake and some remain logged in environment where people live. During this time, most people are reported with malaria, crops give low yields than expected.

Farmers in Kigezi highlands also face the same challenge of low yields during same season.

Task.

Explain the causes leading to challenges in these areas and suggest possible solutions to overcome them. **(15 scores)**

Item 2.

Moses planted and mixed maize and bean crops on his plot along an extremely dusty road side. As a way of obtaining good yields, prepared his garden well, planted quality seeds in closely packed columns and rows, applied fertilizers, Sprayed to prevent any pests and removed weeds. He planted maize earlier and planted beans later after maize plants were already tall. His maize yielded poorly and beans remained stunted with no yields. He is nervous about the outcomes yet spent lot of money on the garden.

Task.

Help Moses understand the cause of the outcomes and advise how he can plant the same plants in the same garden in other seasons with minimal losses.

(15 scores)

Item 3

A 7 year old boy, developed the following symptoms: fluid retention and swollen distended abdomen, weak bones, low body weight, weak immune system and brown hair. Parents believe that his health condition is due to lack of appetite food. The doctor advised them to change child's diet, however they are confused on how to manage the diet of the child.

Task:

Explain to the parents the cause of their boy's health status and advise them on how suitable diet would improve the for the boys' health. **(15 scores)**

END

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

[illegible]

This image shows a full page of blank handwriting practice paper. It features 20 evenly spaced, horizontal black lines across the entire page, providing a guide for letter height and placement. The background is plain white, and there are no margins or additional markings.

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.