

Student's name..... Signature.....

Stream.....

553/1

BIOLOGY

(Theory)

Paper 1

OCT/NOV 2023

2 Hours



KABALEGA SEN.SECONDARY SCHOOL
UGANDA CERTIFICATE OF LOWER SECONDARY EDUCATION
END OF YEAR COMPETENCE BASED ASSESSMENT
BIOLOGY (THEORY)
PAPER ONE
SENIOR 2
2 Hours

INSTRUCTIONS:

- *This paper consists of **ONLY one Section**.*
- *Respond to **all items** in this paper.*
- *All tasks carry **15 scores**.*
- *Illustrations in form of **drawings** should be made where necessary and **earns scores**.*

For official use only		
Items	Scores	Teacher's comment
1		
2		
3		
4		
Total score		

1. Residents of **Kijura Town** have a problem of poor garbage disposal and the whole town is full of flies. There has also been a serious outbreak of cholera. Epidemiologists have associated the outbreak with the increased number of houseflies in the town.

Task:

As a biology student, how can you help the residents to understand the relationship of the outbreak and the houseflies and how they can live a healthy lifestyle? **(15 scores)**

2. Students of Kabalega Secondary School are to participate in a science contest. The topic is, “***How maize plants make their own food, and how bees are reliable friends of maize plants.***” And the best students will be awarded prizes. As a biology student, you are to participate in the contest.

Task:

Make a write up of your presentation in the contest. **(15 scores)**

3. 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)**

4. Opio’s mother who works far away from home, so she has a baby sitter who takes care of the five year old son Opio while she is away. One day, she found her son had been starved, very weak and exhausted. When the mother contacted the family doctor for advice, the doctor prescribed that Opio is first served with a glass of juice, and then a plate of rice with soup. He would then be allowed to rest. A few hours later, Opio was strong and active again. The mother wondered about the Doctor’s advice.

Task:

Explain how the Doctor’s prescription helped Opio to recover quickly. **(15 scores)**

END

“Always Believe in Yourself”