

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 3
2 Hours

INSTRUCTIONS:

- *This paper consists of **ONLY one section**.*
- *Answer **all Tasks** in this paper.*
- *All tasks carry **15 marks**.*
- *Illustrations in form of **drawings** should be made where necessary and **earns scores**.*

For official use only		
Question	Marks/scores	Teacher's comment
1		
2		
3		
4		
5		
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.
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 marks)**
2. In a project, the facilitator noticed that all maize crops planted by learners under canopies of trees were weak and yellowish compared to those in the open garden. The members of the project had also used tubers of **Irish** for planting but some of the members could not explain why they used them.
You were among the members of the group, make a write up that may defend your group. **(15 marks)**
3. Ndolwe a resident of kijura is always thankful and grateful to God as to how the cassava and beans he feeds on regularly help him live. You have been approached by your teacher to make a write up that may enable Ndolwe to understand the relationship between the food he eats and his living. **(15 marks)**
4. In a discussion learners agreed that fat individuals sweat even during cold weather however small individuals only sweat during hot conditions. It was also agreed that rate of sweating is high during day compared to night and more urine is produced at night compared to day time by most individuals. You were part of the discussion, best explain the phenomena to the class. **(15 marks)**
5. In a school tour, students were greatly surprised by some species of plants that would instantly fold all its leaves when touched. They also realized that all plants under canopies of tall trees had their branches bent into light. You were part of the group that went for the tour, make a write up that may help other members of the group to understand the responses and how they are significant to plant life. **(15 marks)**

END

“Always Believe in Yourself”