

Name:.....Stream:.....

**LCE**  
**S2 BIOLOGY**  
**November, 2023**  
**1¾ hours**



**LCE EXAMINATIONS 2023**  
**Uganda Certificate of Lower Secondary Education**  
**END OF YEAR ASSESSMENT**  
**SENIOR TWO**  
**BIOLOGY**  
**1 hour 45 minutes**

**INSTRUCTIONS**

- Section A is **compulsory**.
- Attempt only **ONE** item from section B.

**SECTION A (Intermediate level)**

1. The biology laboratory assistant is looking for a housefly, cockroach, mosquito, termite, bee and butterfly for practical examinations.

**Task**

Advise him on where he can find and how he can identify each insect with a unique feature from the rest?  
(10 scores)

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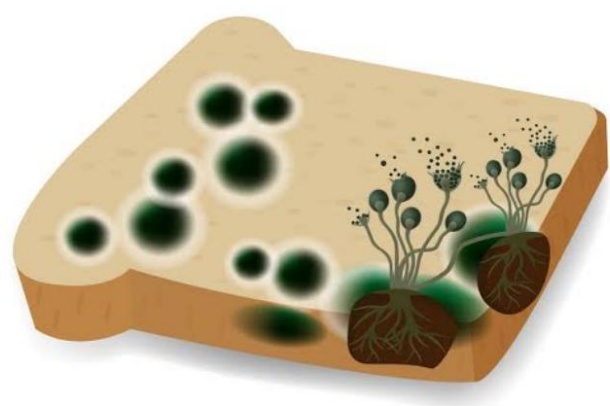
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3. The family bought loaves of bread to be used for a party. They kept them in a moist warm place. Three days later, grey substances developed on the bread which made it to lose its taste.



**Task**

Write the message, sensitizing the family about the grey substances and explain their positive contributions to society. (10 scores)

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**SECTION B (High order level)**  
**Choose one item**

5. One day, a group of primary three pupils were walking through in their village. The pupils met a farmer at his garden, in one part of the garden, the farmer was growing Amaranthus (locally known as dodo/ebbuga) and kale / collard greens (locally known as Sukuma). The pupils noticed flowers on the plants and the farmer encouraged them to break the flowers off the plants. In the other part of the garden the farmer was growing orange trees which also had flowers. The pupils wanted to break off the flowers from the orange trees but the farmer stopped them from doing so. The primary three pupils became confused.



Amaranthus (Dodo/Obuga)



Kale/collard greens (Sukuma)



Orange tree

**Task**

Write an explanation for primary three pupils to understand why the farmer allowed them to break flowers off some plants and not others. (10 scores)

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6. You're a group leader in the class where the teacher taught the process involved in the digestion of starch. All group members have failed to understand the flow.

## Task

Help them to illustrate the tree diagram which shows the flow of digestion of starch in the alimentary canal? (10 scores)

[illegible]

[illegible]

**END**