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.

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

2.	A farmer in Bushenyi district planted his maize in a well cleared and properly prepared garden at the start of the rain season. He used good seed varieties that had been supplied to him under operation wealth creation program. To his surprise, after two months, the maize plants were short, stunted and had put on very small maize cobs. The leaves had yellow and green patches and were equally small. He had a very low harvest and was into losses that season. Being passionate about maize growing the farmer has not yet given up on growing maize in the same area.
	<u>Task</u> . Explain what could have caused losses in the previous season to the farmer, and help him know how he can improve on his yields in the next season? (10 scores)
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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.
Tools
Task Write the massage consitizing the family shout the grow substances and evaluing
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
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 (Doodo/Obuga) Kale/collard greens (Sukuma) Orange tree
Kale/collard greens (Sukuma)
Task Write an explanation for primary three pupils to understand why the farmer allowed
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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)