

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

LCE
S1 BIOLOGY
November, 2023
1 hour 30 minutes



LCE EXAMINATIONS 2023
Uganda Certificate of Lower Secondary Education
END OF YEAR ASSESSMENT 2023
SENIOR ONE
BIOLOGY
1 hour 30 minutes

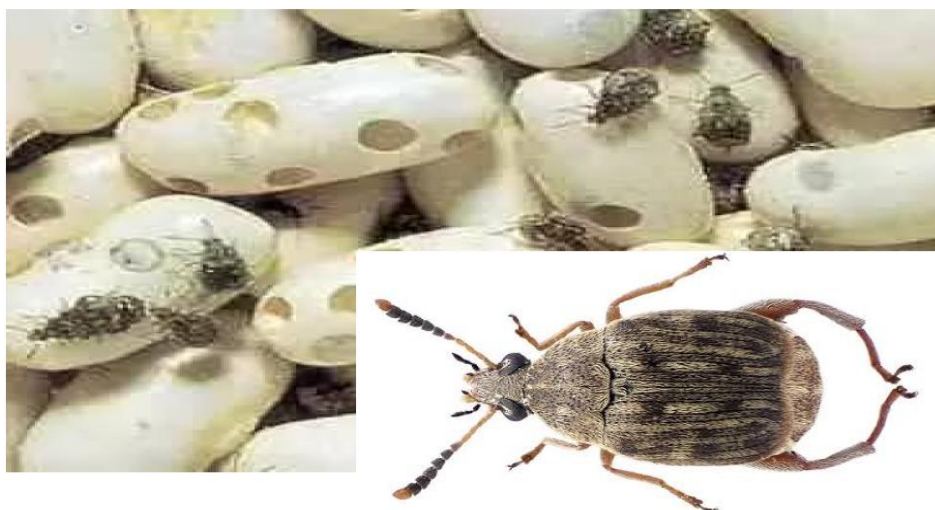
INSTRUCTIONS

- The paper consists of **five** items. Each item carries equal scores.
 - Attempt any **four** items. Use fresh sheets of papers.
1. The cow dung beetles play dead as their mechanism of avoiding danger. This often confuse children to think that they are non-living things.



Explain the different life processes performed by structures on each of the three main body parts of the cow dung beetles. (10 scores)

2. The school store of beans has been invaded by unknown organisms as shown in the photograph below. This has left cooks stranded with what can be done to get rid of the organisms and secure beans for next term.



Write a message sensitizing cooks about the organisms and ways of getting rid of them?
(10 Scores)

3. It's advisable to help parents with work during holidays. Assume you have been told to remove commelina (wondering Jew) from the garden of beans and you neither know commelina weeds nor the bean plants. Use their photographs to respond accordingly.



Photograph 1



Photograph 2

If you were told that the weed is the monocotyledonous plant, Compare the above photographs and hence identify the weed to be removed from the garden?

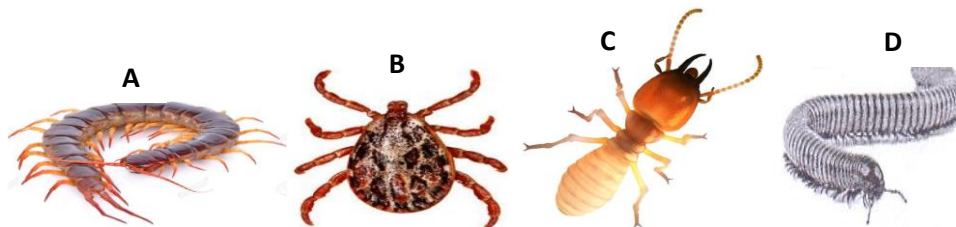
(10 Scores)

4. Members of the community in Karamoja are complaining about the harm caused by honey bees in their villages. Some of the village leaders have been convinced that actions should be taken to destroy the bees.



Write a whatsapp message to one of the community leaders, agreeing with harm caused by bees but requesting him to drop the idea of destroying bees and use them for their benefits
(10 Scores)

5. S.1 biology students moved around the school compound, they collected the following organisms and returned with them to class.



Mark claimed that all the four organisms are insects but Esther said **NO** but she was not certain of the actual name to give to the group. Martin said each of these organisms belonged to a separate group although they shared certain features in common. Some of the class members rejected Martin's opinion and the whole class was set into an argument. Basing on observable features on the above organisms, and your knowledge of taxonomy. Provide relevant information which you could use to settle the argument in class (10 scores)

MERRY CHRISTMAS AND HAPPY NEW 2024