

**NAME** ..... **SIGN**.....

**ICON SERIES**  
**MID TERM I EXAMINATION 2024**  
**SENIOR TWO**  
**BIOLOGY**  
**TIME 2 HOURS**

## Instructions

*Attempt all questions in this paper.*

***No extra answer sheet shall be provided.***

### Question 1

A farmer who has been growing maize for the last 10 years has been encountering problems from domestic animals such as goats and cows which would eat the leaves of his maize plants lowering his harvests. In the past season, he decided to construct a well roofed room without any window, in which he planted his maize, to curb the above animals. The maize germinated however after a month the leaves started yellowing and eventually the plants withered. He visited an agriculturist to explain to him about what happened. The agriculturist told him what plants go through as they mature and what they needed to use during their lifetime. Explain to this farmer, which processes that the plants went through and why they withered. **(20 scores)**

This image shows a full page of primary-ruled paper. It features multiple horizontal rows of small, evenly spaced dots, designed to guide handwriting practice. The dots are arranged in straight lines across the width of the page, with consistent gaps between each row. There are no margins, text, or other markings on the paper.

### Question 2

At the end of each term, Madul Islamic secondary school organizes a debate so as to improve of the communication skills and environmental awareness of its students. This term's motion is **“SOIL IS A MIXTURE”** You have been invited at the school as an interjector of the debate. Write down and explain the views that you will not challenge from the proposers of the motion.

**(20 scores)**

This image shows a full page of white paper with horizontal dotted lines. The lines are evenly spaced and run across the width of the page, providing a guide for handwriting or typing. There are no margins, text, or other markings on the page.

### Question 3

The organisms P, Q, R and S provided in the figure below are found in different habitats in the environment. They have special features that enable them suit their life in the specific habitat. Study them carefully and use them to answer the questions that follow.



**P**



## Q



# R



**S**

- a) Give the habitat and structural features that enables each organism to live a beneficiary of its habitat, and generate aspects in which they impact man and his domestic health and wealth.

**(17 scores)**

- b) How would you help a person to identify each of the organism using biological principles?**

**(03 scores)**

[illegible]

Insects are the most abundant animals on earth. They are so well adapted due to their external features. Insects use these structures and different mechanism of reproduction and behavior to exploit land, water and air. However, due to the modes of life and feeding they exhibit, man has managed them to his level. Explain the content of this statement fully, giving relevant examples. (20 scores)

[illegible]

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