

THE UNITED REPUBLIC OF TANZANIA
PRESIDENT'S OFFICE
REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT



LAKE ZONE FORM FOUR MOCK EXAMINATION
(GEITA, KAGERA, MARA, SIMIYU, SHINYANGA AND MWANZA)

033/2B

BIOLOGY 2B
(ACTUAL PRACTICAL, B)
(For Both School and Private Candidates)

Time: 2:30 Hours

Year: 2025

INSTRUCTIONS

1. This paper consists of **two (02)** questions. Answer **all** questions
2. Each question carries **twenty five (25)** marks
3. Except for diagrams which must be drawn in **pencil** all writings should be in **blue or black ink**
4. Cellular phones and any unauthorized materials **are not allowed** in the examination room
5. Write your **Examination Number** in every page of your answer booklet.

This paper consists of 2 printed pages

1. You are provided with a mirror take it and look at your face while your mouth is opened, then answer the questions that follows.
 - (a) What are the sense organs observed in the mirror image of your face?
 - (b) Name the stimulus and response detected by each sense organ observed in (a) above.
 - (c) (i) Draw a labeled diagram of the sense organ observed in the mirror image of your face used for vision
(ii) State function(s) of each structure you have labeled in your diagram
 - (d) Move your eyes from side to side then up and down. Name the muscles which enabled you to move your eyes in different direction.
 - (e) What is the importance of these movement?

2. You have provided with specimen **D**, **E** and **F**, study them carefully and answer the questions that follows,
 - (a) (i) Classify specimen **E** and **F** to third highest rank of classification
(ii) How are the members of the class to which the specimen **F** belong important to others organisms. Give three points
(iii) State four observable features which enabled specimen **E** to adapt to its habitats
 - (b) (i) Identify the organism from which specimen **D** was taken
(ii) How is specimen **D** important to an organism from which it was taken.
(Give two points)
 - (c) What observable features are used to place specimen **F** to its respective phylum? State three features