

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)

033/2A

BIOLOGY 2A
(ACTUAL PRACTICAL, A)
(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. Open your mouth widely, using the mirror provided observe the sense organ you see in your mouth, then answer the question that follows.
 - (a) Name the sense organ seen in your mouth
 - (b) State four functions of the observed organ in the digestion of food
 - (c) Draw and label the organ showing the position of the taste buds
 - (d) Name the fluid that is secreted in the mouth and the glands which secrete it
 - (e) What is the name of enzyme present in the fluid named in d?
 - (f) Name the food substance that can be hydrolysed by the enzyme named in (e) and the end product formed

2. You have been provided with specimen E_1 , E_2 , E_3 , E_4 and E_5 . Study the specimens carefully and answer the question that follows.
 - (a) (i) Identify specimen E_1 , E_2 , E_3 , E_4 and E_5 by its common name
(ii) Classify specimen E_1 and E_2 to class level
 - (b) Draw a well labelled diagram of specimen E_2
 - (c) In which ways specimen E_1 is important to the farmers? Mention three importance.
 - (d) Classify specimen E_5 towards the phylum level