

PRESIDENT'S OFFICE
REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT
KYERWA DISTRICT COUNCIL
FORM FOUR MID TERM, MARCH 2023 2A PRACTICALS

Instructions

Time 2 Hours

1. This paper consists of two questions
2. Answer **all** questions
3. All writing should be in **blue** or **black** ink, except for diagrams that must be drawn in pencil.

1. You are provided with the solution **S₁** containing unknown food substance, design and carryout an experiment to identify food substance present in solution **S₁** and record your experimental work as in the table below.

Food tested	Procedure	Observation	Inference

- a) Mention food substances identified in solution **S₁**.
 - b) (i) State the reason(s) why animals need food substances identified in solution **S₁**
(ii) Explain the process taking place in the liver which enable the body excrete one of the food substances mentioned (a) above.
 - c) Mention four sources for each food mentioned in (a) above.
 - d) Name the site of alimentary canal in which the food identified in (a) above is digested.
 - e) Mention the enzyme and end product of the food substance mentioned in (a) above
2. a) Examine specimens **T₁** and **T₂** and then answer the following questions:
 - i Identify specimens **T₁** and **T₂**. By their common name
 - ii Classify **T₁** and **T₂** into their respective kingdoms.
 - iii List down the common habitat for **T₁** and **T₂**.
 - iv State the mode of nutrition in **T₁** and **T₂**.
 - v Write down the economic importance of **T₁**
 - b) Examine specimens **O₁** and **O₂** carefully and answer the following questions:
 - i Identify specimens **O₁** and **O₂** using their common
 - ii State the function of specimens **O₁** and **O₂** in a plant's life.