

Name: Index No.....
School: Signature:

553/2
BIOLOGY
PAPER 2
2024
2½ hours



WAKISSHA JOINT MOCK EXAMINATIONS

Uganda Certificate of Education

BIOLOGY

Paper 2

Practical

2 hours 30 minutes

INSTRUCTIONS TO CANDIDATES:

*This paper consists of **two** examination items. Answer **all** the items in the spaces provided.*

*Drawings should be made in the spaces provided. Use **sharp pencils** for your drawings. Coloured pencils or crayons should **not** be used.*

No additional sheets of writing paper are to be inserted in the booklet.

*Work on additional sheets will **not** be scored.*

Item 1.

Joan gave birth to a baby boy three years ago and weaned him at his first birthday. She decided to put him on a special diet of her preferred food items. Unfortunately, the child now looks like one year old and Joan is confused and does not know what to feed her baby on to look like his age mates. Solutions **P** and **Q** provided are samples extracted from Joan's food items she has been feeding the child on.

- **Task:**

Carry out investigations on the food samples **P** and **Q** and use findings to advise Joan.

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

Lined area for writing answers.

Turn Over

Lined paper for writing.

Item 2.

Many farmers in Busingo Subcounty usually find some of their crops destroyed by some organisms.

Specimens **J**, **K**, **L** and **M** are some of the organisms that were collected from within and outside the gardens.

Task

- (a) Identify with reasons the organism most likely to destroy the farmer's crops.

- (b) How can the collected organisms be identified using a dichotomous key.

- (c) Draw and label the leg of specimen L.

END

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