

Candidates Name:

Signature:

Random No.						Personal No.		

(Do not write your School/ Centre Name or Number anywhere on this Booklet.)

553/2&3

BIOLOGY

Paper 2

2024

2½ hours



UGANDA NATIONAL EXAMINATIONS BOARD

Uganda Certificate of Education

BIOLOGY

Paper 2&3

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.*

Item1.

Mary's 5-year-old baby frequently falls sick and has to visit the hospital regularly. The doctor told her that the frequent sickness is as a result of feeding. Mary feeds her baby on food nutrients; **A** and **B** plus food supplement containing mineral salts, fats and roughages. Mary is wondering what could be missing in her baby's food.

Task:

Carry out investigations on the food samples **A** and **B** and use your findings to advise Mary accordingly.

SAMPLE PAPER

Handwriting practice lines (ruled paper) with a large diagonal watermark reading "SAMPLE PAPER".

Blank lined paper with horizontal ruling lines.

Item 2.

Biteke Secondary School had some classroom blocks constructed using wood. After One year the head teacher realised that the poles in S1 classroom block were partly destroyed with holes in them. The school had spent a lot of money on the classroom block and did not have any money to construct another one.

Specimens **X** and **Y** were some of the most common organisms that S.1 students collected from their classrooms.

Task:

- (a) (i) How do the features on the organisms enable the organism to enter and survive in the classroom?

SAMPLE PAT

SAMPLE PAPER

- PAPER

- 0) Draw and label the head of specimen **X**.