

Candidate's Name:

Signature:

553/2

BIOLOGY

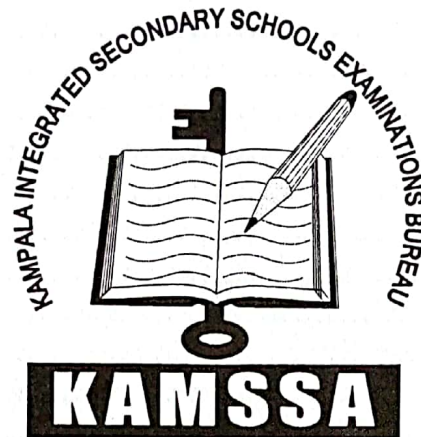
Paper 2

July - August 2024

2½ hours

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KAMSSA JOINT MOCK EXAMINATIONS

Uganda Certificate of Education

BIOLOGY

Paper 2

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
According to coach Rickie, some many young people in Uganda are suffering from many healthy conditions due to obesity. Of recent is Joel aged 15 years with a body weight of 177 kgs who constantly has trouble in breathing even after walking for a short distance. You are provided with solutions P and Q which are food samples that Joel usually feeds on.

Learner's task

Learner's task
Conduct an experiment to determine food nutrients present in the food samples and explain the cause of Joel's condition and how he can improve his health conditions.

the cause of Joel's condition and the

ITEM 2

Learner's task

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

(b)(i) Using observable features, suggest the similarities and differences between specimens M and N.

(c) Describe how each of the specimens is suited for its environment.

(d) Make a well labeled drawing of specimen M

END