

Names:.....**Index. No:**.....

School Exam Number.....**Signature:**.....

*Candidates should **NOT** write their Centre Name
or Centre Number anywhere on this booklet*

553/3
BIOLOGY
(PRACTICAL)
Paper 3
July 2024
2½ hours



ENTEBBE JOINT EXAMINATION BUREAU

Uganda Lower Secondary Certificate of Education

BIOLOGY

Paper 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.*

FOR EXAMINER'S USE ONLY		
ITEM	SCORE	EXAMINER'S INITIALS
1		
2		
TOTAL		

Item 1

Amina is a 35-year old woman who started living and working in town last year. Growing up in the village, Amina's diet was always simple and largely consisted of food samples *A* and *B*. when she moved to town she maintained her diet despite the fact that her job as an accountant forced her to sit for long hours.

Recently, she started finding difficulty in breathing, reduced flexibility. She frequently falls sick and snores often, which things she never experienced while still in the village. A friend told her that she needed to change her diet and she is wondering why.

Task

Carry out scientific investigations using provided food samples *A* and *B*, and provide Amina with a detailed explanation.

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Item 2

John wants to grow some plants to cover his bare, unfenced compound. However his compound is next to a grazing farm and the area receives little rainfall throughout the year. He wishes to grow two plants from options *W*, *X* and *Y* but he is undecided about which ones to choose.

Task

- (a) Using observable features, identify the specimens.

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(b) Help John make the right choice by providing reasons.

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