

NAME.....

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553/1

BIOLOGY

PAPER 1

NOVEMBER.2023

2 HOURS



SHAPTA JOINT ASSESSMENT BOARD

Uganda Certificate of Lower Secondary Education

BIOLOGY

PAPER 1

SENIOR ONE


TIME: 2HRS

INSTRUCTIONS TO LEARNERS:

- Respond to **all** items in paper.
- Answers to all items must be written in the spaces provided.

(10 scores)

(b) Halima carefully cracked an egg and carefully poured out the contents in a clean Flat white plate, after thorough observation, he concluded that it was an animal cell, give five reasons why concluded that it was an animal cell (10 scores)



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2. a) How can you convince Namukisa Hawa who has just joined senior one at your school and has not yet learnt anything in biology that a human being is a living thing and has life? (10 scores)

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(b). Explain why you know and say that cassava is a plant and a cow is an animal (10 scores)

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3. Viruses are common in our daily lives, they cause diseases like colds (flu) and more serious ones like Hepatitis B, Ebola in animals as it happened in Mubende and Kasanda last year and cassava mosaic in plants. According to doctors in the world, viral diseases can be treated recently our current minister of health emphasized students and Ugandans in 2020 on the way of preventing on of the pandemic.

a) i) Identify the pandemic our current minister of health was talking about (01 scores)

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ii) What are the possible measures of preventing the above viral diseases?

(08 scores)

iii) Who is the current minister of healthy in Uganda?

(01 score)

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b) Aids is one of the killer disease (Viral disease) in Uganda, basing on the statistics in Uganda, six people per hour are getting infected with the above disease.


i) As a learner who has studied about viruses, what are the measures of preventing the above disease? (08 scores)

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ii) State the ways how an individual can be affected with Aids (02 scores)

4. Plants in our environment have green structures that they use for carrying out photosynthesis.

a) How would you explain to your sister in primary seven that plants are adapted for carrying out photosynthesis? (10 scores)



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