

NAME OF A LEARNER.....

LIN.....

P553/1

BIOLOGY

(Theory)

PAPER 1

NOVEMBER.2023

2 HOURS



Downloaded from www.mutoonline.com

SHAPTA JOINT ASSESSMENT BOARD

Uganda Certificate of Lower Secondary Education

BIOLOGY PAPER ONE

SENIOR THREE

TIME: 2 HOURS

INSTRUCTIONS TO LEARNERS:

- Respond to all items in this paper.
- All items carry **equal** scores
- Use of drawings or any illustrations will earn you scores

1. Mbabazi Grace a senior three learner went to the library and got the newspaper to read. She noted that for her to read newspaper clearly she moves them a bit far too clearly see the words. Otherwise, the words are either invisible or not viewed at all. When she visited an optician and her eyes were examined, she was given reading glasses to use. To her amazement when she put glasses on, she could easily read the newspaper at a close distance. Mbabazi Grace's friend Natalia Kisuki complains of urinating frequently large volumes of urine and Doctors advised her to always be administered daily doses of insulin.



- a) What difficulties are faced by Mbabazi Grace and Natalia Kisuki?
(10 scores)
- b) How would they be Assisted and get the directives of the Doctors.
(10 scores)

2. On a hot sunny day, the leaves of seedlings were seen wilted. However, at night, they recovered and regained their normal shape and size. A farmer noticed. He also noticed that all maize seedlings he planted in a water-lodged swamp expecting high yields were drying up.



Downloaded from www.mutoonline.com

- a) How can you best explain the phenomena to the farmer? (20 scores)

SHAPTA

3. In a school management committee meeting, members resolved to prioritize learner's health. They decided to include fish, fruits, and corn flour on the students' menu on addition to rice and beans. Learners' age and weight were also to be monitored while they were in school. All students using laxatives and appetite-boosting drugs were to be suspended from. This communication was to be presented by the Head Prefect to the learners during the assembly held every Monday.



- b) Assuming you were the Head Prefect of the school, write an explanation you would give to the learners? (20 scores)

SHAPTA

4. The Ministry of Health in Uganda has a program on vectors and disease control around lake regions. The most recent was on treated net distribution. The Ministry explains that the prevalence and spread of the associated disease would be partly solved by the treated nets.



Downloaded from www.mutoonline.com

- a) The Ministry also plans to have a sensitization campaign in the communities. Write a speech that will be used by the Ministry during the campaign. (20 scores)

SHAPTA

5. Musoke Moses a senior four student while picking a piece of meat from the sauce pan in the kitchen, he accidentally stepped on a hot piece of charcoal. He withdraws his leg immediately and he loudly cried out in pain. On checking his foot, he discovered that the wound formed was minimal and wondered how possible this was.



Downloaded from www.mtutoonline.com

- a) Why was Musoke Moses surprised and able to escape from danger?

(20 scores)

SHAPTA

END