NAME……STREAM…….

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Biology (theory)

Paper 1

August 2026

EXODUS COLLEGE SCHOOL - WAKISO

Uganda Certificate of Education

S.2 BIOLOGY

End of term two continuous assessment

Time: 1:30 hours

INSTRUCTIONS

This paper consists of three compulsory items.

Answers to section A items should be written in spaces provides and section B should be written on answer booklets provided.

SECTION A

Item 1

Commercial legume farmers were greatly affected by prolonged drought conditions, which made their crops become stunted, have weak stems and their leaves turn pale green. The farmers were advised to irrigate the crops, and when this was done, the crops appeared erect with greener leaves.

Task

(a) Explain how

(i) The observation made about the legume crops came about during such conditions.

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(ii) The conditions affected functioning of the crops

(b) Describe how the crops utilized the farmers' advised to overcome effects of the conditions.

SECTION B

Item 2

In a survey made by village health team in wakiso district two children from two families of different economic standards were taken under study .

In family A, child T with muscle wasting, poor night vision, bleeding gums and low body weight below the normal body mass index. In family B, child M was picked and had weak bones, anaemia, high body mass index above the normal and frequently complained of tooth ache though he rarely brushed. This left their mothers worried on the health status of their children.

Task

a) Using the above data, explain to the parents of each of these children, the cause of challenges to their health situation.

b) Suggest how each of the health challenges of each child can be controlled such that the children grow properly.

Item 3

An investor cleared a large part of a forest near a water body to plant only maize long scale. He usually applied artificial fertilizers to boost on the yields. He also dug up and down the slopes on the hill in his garden.

After a period of two years the crop yields reduced, temperatures increased in the area, muddy slides are also common during the rainy seasons, pests increased in the gardens and snake are very common in people's homes which has put them on risk.

Task

a) Explain how the investors actions caused the above challenges

b) Show the investors how these challenges can be controlled in the community

END

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