

Candidate's Name:.....

Signature:

Random No.						Personal No.		

(Do not write your School/Centre Name or Number anywhere on this booklet.)

527/2
AGRICULTURE
Paper 2
(Practical)
Oct./Nov. 2024
2 hours



UGANDA NATIONAL EXAMINATIONS BOARD

Uganda Certificate of Education

AGRICULTURE

Paper 2
(Practical)

2 hours

INSTRUCTIONS TO CANDIDATES:

*This paper consists of **two compulsory** examination items.*

*Write your answers in the spaces provided using **blue or black ink**.*

***No** additional sheets of writing paper are to be inserted in the booklet.*

*Work on additional sheets will **not** be scored.*

Jerry is a poultry farmer who supplies his customers with one-day-old chicks. He placed two batches of eggs, U and V, from different sources in an incubator. Specimens U and V are egg samples picked from the respective egg batches.

Table 1

	Characteristics of egg	Meaning
1	Has dark spots when viewed under light	Bad egg, cannot hatch
2	Has a clear yellowish appearance all through	Good egg for hatching

Using the materials and apparatus provided, plan and conduct an experiment on Specimens U and V. Use your results to recommend to Jerry which egg batch should be left in the incubator to hatch.

Your write up should include the following:

- (a) Aim, hypothesis, variables, materials and apparatus.

INSTRUCTIONS TO CANDIDATES

The paper contains eight compulsory questions.

You are allowed to use a calculator.

No additional sheets or writing materials are permitted in the hall.

All answers must be written in black ink.

Use of additional sheets will not be allowed.

(b) Procedure and results of your experiment.

(c) Recommendation to Jerry.

Item 2

Apio has a banana plantation from which her family earns income. She periodically ensures field hygiene of her plantation. She keeps seeing plants **A**, **B** and **C** in the plantation. She has also noticed that some banana plants have short bunches.

Task:

Specimens **A**, **B** and **C** are plants collected from Apio's plantation, observe them carefully and;

- (a) identify each of the three specimens stating the observable features used.

- (b) explain to Apio why each of the specimens keep appearing in her plantation.

- (c) How would you advise Apio to get rid of each of the specimens from her banana plantation?