

Candidate's Name.....Index No.....

Signature:.....

Centre No						Personal No		

527/2

AGRICULTURE

Paper 2

July/Aug, 2024

2 Hours

LANGO SECONDARY SCHOOLS MOCK EXAMINATIONS ASSOCIATION (LASSMEA) 2024

Uganda Certificate of Education

AGRICULTURE PRACTICAL

Paper 2

2 HOURS

INSTRUCTIONS TO CANDIDATES

- This paper consists of two compulsory examination items
- Write your answers in the space provided using blue or black ink.
- All responses should be written in the spaces provided.

Answer all items in this paper

Item 1

Kavera youth cooperative (KYC) secured 12 acres of fertile land in Agivo District at the start of 2023. Due to increasing demand of coffee and beans on international market and local markets respectively, they have considered growing the two crops to tap into this opportunity. The piece of land has a varying potential of Hydrogen ions in the soil (P^H).

Two soil samples A and B were each collected from different halves of the land for laboratory analysis. Coffee grows well in the soils of low P^H whereas beans do best in soils of high P^H .

Task

Using the materials and reagents provided, help Kavera Youth Co-operative (KYC) to determine the piece of land on which they would grow each of the crops. (20marks)

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Item 2

Hygiene is one of the most crucial aspect in a meat processing unit at the farm.

When the Ministry of Animal Industry and fisheries carried out an inspection at various meat processing unit in **Owang Central Division**, they landed on **Angic Farm** and **Meat Processors Ltd.** It had a marram floor in the meat processing unit and muddy with water coupled with blood splash and stomach content. This made the conditions very unhygienic, smelly and raised many questions on the quality of meat and Hides processed on the farm. The business was banned from continuity until the problem is fixed and re-inspection carried out for proof. Ministry of animal industries and fisheries decided to pick samples C and D for further investigation.

Task

Advise the manager of **Angic Farm** and **meat processors Ltd** on:

- a) Cause of the state of samples C and the qualities that makes it unfit for human consumption. (10scores)
- b) The damages that makes sample D not good for tannery Industry. (10scores)

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