**Candidate's Name………………………………………………………….**

**Signature…………………………………………………………………..**

**527/2**
AGRICULTURE
**Paper 2**
**2024**
2 hrs

**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 space provided using blue or black ink.

**Item 1.**

Mrs. Dianah has never practiced Agriculture. She wishes to establish a banana plantation and intercrop with beans at the start of the season in her newly bought piece of land in Ssembabule district. Specimen A and B have been obtained from Mr. Magala's garden near that of Mrs. Dianah.

However, Mrs. Dianah needs information on selection of appropriate planting materials.

TASK.

 (a) Identify specimens provided and guide Mrs. Dianah on which material is appropriate for planting in her garden. Provide to Mrs. What measures should she follow when selecting the appropriate planting materials.

(b) Cut longitudinally, draw and label the appropriate specimen for planting.

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**Item 2.**

A farmer established fish ponds in two different places, one pond is in Kamuli and another is in Busia. The ponds were filled with tilapia fish. However, the water levels in the Busia Pond was adequate while that of Kamuli pond remained low but also the Kamuli pond wall was unstable which made the fish in Kamuli pond remained small in size. You were provided with soil samples X and Y were picked from the two ponds for investigation.

TASK

Carry out investigations on the sampled soils to determine your findings;

(a) With specific reasons, identify soil sample X.

(b) Why is the level of water in the Kamuli pond is like that.

(c) What advice would you give to the farmer?

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