



**Apex Examination
Council**

APEX EXAMINATION COUNCIL

PRE-REGISTRATION EXAMINATION

PRINCIPLES AND PRACTICES OF AGRICULTURE.

S.2 527/1

2 HOURS

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INSTRUCTIONS

- The paper has two sections, A and B.
- Section A is compulsory.
- Attempt only one item in section B

SECTION A

1. Cereals are known as crops grown for the production of grains. In Uganda, various cereals are grown.

- a) Mention any three cereals grown in your community. (3 marks)

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- b) What do you think are the reasons as to why these cereals are commonly grown in Uganda? (03 marks)

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2. Musa went to the market to buy vegetables. He was surprised to find very many vegetables. Among them, he was told some are eaten fresh while others are cooked, he was also told that the edible parts also vary. In some people eat leaves, others bulbs, seeds, roots and flowers.

- a) Identify any vegetables that are;

- i) Eaten in fresh form. (02 marks)

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- ii) Cooked before eating (02 marks)

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- b) In the market, Musa found the following vegetables. Cabbages, carrots, Amaranthus, spinach, beans, broccoli, ground nuts, onions, Sukuma wick, cauli flower and beetroot.

Classify the above vegetables according to parts eaten as reflected in scenario. (5 marks)

Part eaten	Name of vegetables

3. When Jerome visited his garden of beans, he found some leaves damaged by unknown insects and some beans were out, he asked an agronomist and told him that there are many insects and living organisms that live in the soil that caused the damages.

a) Identify any living organisms in the soil. (03 marks)

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b) Advise Jerome how he can get rid of the insects damaging his crops. (02 marks)

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h how to produce maize efficiently.

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Advise Odoi on how to produce maize efficiently. (20 scores)

Advise Odoi on how to produce maize efficiently.

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Item five

Mr. Kallisa is a vegetable farmer. He prepared his nursery site in preparation to grow vegetables. He planted the seeds by broadcasting, the seeds germinated and were too congested in the nursery bed. Watering was done once a day and in the afternoon, many unknown plants were seen in the nursery bed and insects had started eating the seedlings. Transplanting was carried out on a hot sunny day during the afternoon because he had a meeting to attend at 2:00pm. Many plants were weak and thin.

Task:

Advise Mr. Kallisa on how to manage the nursery bed to improve vegetable production. (20 scores)

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