

APEX EXAMINATION COUNCIL

PRE-REGISTRATION EXAMINATION
PRINCIPLES AND PRACTICES OF AGRICULTURE.

S.2 527/1

2 HOURS

Apex Examination

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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	D)	What do you think are the reasons as to why these cereals are or grown in Uganda?	commonly (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			
		oked, he was also told that the edible parts also vary. In some pe	eople eat	
		aves, others bulbs, seeds, roots and flowers.		
	a)	Identify any vegetables that are; i) Eaten in fresh form.	(02 marks)	
		1) Later in fresh form.	(02 marks)	
		ii) Cooked before eating	(02 marks)	

•	 In the market, Musa found the following vegetables. Cabbages, carrots, Amaranthus, spinach, beans, broccoli, ground nuts, onions, Sukuma wich, cauli flower and beetroot. 			
Classify the above vegetables scenario.	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)			
identify drift inviting organisms	in the soil. (03 marks)			
	et rid of the insects damaging his crops. (02 marks)			

SECTION B CHOOSE ONLY ONE ITEM

Item four

Odoi is a maize grower in Bbale sub country. He prepared his garden early enough so that he can plant immediately on the start of the rains. During planting, he planted 6 seeds per hole, all seeds germinated and were left to grow up to harvesting time. Some leaves were eaten by unknown organisms; some plants were very thin and weak. There were a lot of weeds in his garden. He harvested maize on a wet day and also dried the maize grains on bare ground.

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