EXODUS COLLEGE SCHOOL- WAKISO
PRINCIPLE AND PRACTICES OF AGRICULTURE
END OF TERM TWO EXAMINATIONS
S 1 AGRICULTURE
TIME: 1 HOUR:30MINUTES

Instructions

Respond to only two items and any extra attempted item will not be scored.

ITEM ONE

Tomatoes are raised from the nursery bed before they are transplanted to the main garden so that they are provided with all favorable care and conditions for effective germination. Farmers watered the seedlings using a jerrican when in nursery bed which was held over the seedlings. Seedlings were lifted using a sharp panga which caused damage to some seedlings. One day after transplanting seedlings started to dry, chemicals splashed on to the body of the farmer leading to stomachache, they also applied fresh cow dung on their vegetables which scorched them and led to their leaves turning yellow. Some tomato fruits were seen touching the ground, some plants were elongated and grew searching for light. In the process of moving around the garden one stepped on a sharp nail that resulted into severe bleeding. Some farmers were seen eating during farm operation which resulted into different health disorders.

Task. As a specialist in the field of agriculture, write an advisory note to help the farmers improve productivity of the tomato enterprise.

ITEM TWO

Your friend is a crop farmer who has been harvesting high yields from his land every season. Last season the yield reduced steeply and he has been advised to pick some soil samples for testing in the laboratory, he is asking himself how soil sampling will help in improving productivity of his land, how to carry out the process of picking the soil sample for testing in the laboratory.

TASK, As a soil scientist, write a speech to address your friend's challenges

ITEM THREE

Most farmers engaging in agriculture have been advised to note down different events that take place on their farms. However some have continued to face challenges of not knowing the number and payments of their workers, dairy farmers can't tell the quantity of milk sold every day, amount and types of feed fed to their animals , drugs used to treat their animal and number of sick animals, some farmers don't know the number of assets for their farms, crop farmers can't tell the amount of yields harvested ,and some of them can't briefly explain at least five jobs their children offering agriculture are likely to get after studying it in future .

TASK, As an agriculturalist, write a speech you would deliver if invited by the farmers to address their challenges

ITEM FOUR

When growing crops and rearing animals farmers use different objects to perform farm operations which simplifies work and help them to timely plant their crops. However some of their tools have developed brown layer due to keeping them outside in bushes, when digging they got bent and some are blunt, the hoes have broken handles and some farmers have gotten injuries like blisters when carrying out agricultural operations, identification of sickness animals is hard on the farm, some farmers use hands to pick ticks which has not effectively controlled the ticks, they sale milk containing hairs which has caused it to be rejected , farmers provide water to animals using small plastic basins which are easily damaged by animals, some transport milk in jerricans to the market centers, they use stone to fix nails into wood during construction of different farm structures leading to loose structures allowing animals to easily escape.

TASK

Using the knowledge of tools, equipment and implements, write a notice to help the farmers.

END