***END OF TERM ONE ASSESSMENT ITEM***

***SENIOR THREE.***

 ***AGRICULTURE***

***NAME: ................................................................... STREAM.............***

***Time allowed: 2:30 hrs.***

***Instructions***. Attempt ***TWO*** questions in section ***A*** and **TWO in** section ***B.***

***Soil science and crop production***

1) Cereal growing is gaining more popularity in many parts of the country. This is so good to our country Uganda and her neighbours. However due to many reasons soil is becoming unproductive and alot has to be done if farmers are to benefit from cereal growing and many farmers are ignorant about the project.

Task

Write a sensitisation to message to Akwero who just wants to start up the project.

2) Vegetables are very important in our life because of the very many nutritional and economic values. However many farmers are still experiencing low yields on harvest time, the products are always small in size with damaged leaves, fruits or roots. After harvesting, the vegetables can easily attract buyers as they are always mixed with one another, sold in dirty containers and the rotten one are also on market. Fries are ones welcoming buyers in case one goes in the vegetable market. Farmers fetch little money from the vegetables and feel like quitting the job.

Task

You have visited vegetable farmers in your place, write a sensitisation message to help farmers remain in business and fetch more money.

3) Kansiime has been rearing animals for ten years. He has now wished to grow some crops and he has just bought one new acre of land.He can not tell the soil drainage, nutrient content, aeration, pH among others. Kansiime wants to know more about the conditions of soil such that he takes a right decision in choosing a crop to grow. He does not know what to do.

Task.

 Write a guiding message to Kansiime such that he finds more about his new piece land.

***SECTION B***

***Animal production***

5) Arinitwe is a new worker on a dairy farm. His manager has been off duty for three days but the prepared feed is used up and Arinitwe is not much experienced in mixing rations. However the manager has always formulated a ration of his dairy cow containing 15% cp using maize bran which is 35% crude protein and alfalfa which is 55% crude protein to have 250 kg in his store. Arinitwe is totally in trouble because has nothing to feed to the animals

Task

You have visited Arinitwe on the farm. Help him come out of the challenge and also advise him on what he has to consider when formulating ration for animals.

6) During rainny season, many farmers in Nakasongola have their pasture lands field with plenty of pastures and alot stagnant want where animals drink from. The bush also grows around their poorly constructed animal houses.They feed their animals to the maximum and expect good yields but they continue to see their animals sometimes passing out watery feaces with some small eggs of worms, they remain with rough hair coat and give little yields. The situation worsens when it comes to dry season where all pastures dry and farmers have nothing to feed to their animals. Farmers suffer alot and some of their animals die.

Task

The chairperson LC 3 called a meeting in Kalongo sub county of Nakasongola district and you have been invited because you are an extension worker in that area. Write a speech you will present in the meeting.

7) Ociiti wants to rear poultry on his farm specifically for eggs given the little knowledge he has because for many years has been dealing with fish farming.His hope is now in rearing birds. He made a booking of chicks and is receiving them two weeks from now.

Task

Ociiti has employed you as his advisor. Help him have a successful project