## LESSON 1

## Exercise 1

1. How do animals benefit from trees on a farm?

   *Animals get shade, oxygen and food from plants*

2. State one way plants benefit from farm animals.

   *Plants get carbon dioxide from animals*

3. How can animals be a danger to plants?

   *Animals destroy plants*

4. State two ways plants harm animals.

   i)      *Plants pierce animals*

   ii)      *Some plants poison animals when eaten*

5. How do plants benefit from soil?

   *Plants absorb water from soil*

6. State one way termites benefit from soil

   *Termites live in soil*


## Exercise 2

1. Name two examples of indigenous trees grown in Uganda.

   i)      *Mahogany*

   ii)      *Mvule*

2. Why do some farmers prefer growing exotic trees to indigenous ones?

   *Exotic trees mature faster than indigenous trees*

3. How do crops benefit from trees grown with on the same

   *Crops get shade from trees*

4. State one way of caring for crops on a garden.

   - *Watering crops*

   - *Pruning crops*

   - *Weeding the garden*

# LESSON 3

**Exercise**

1. Name any one crop growing practice
   - *Pruning*
   - *Thinning*
   - *Gap filling*
   - *Mulching*
2. Name any two crops that can be staked
   - i)　*Tomatoes*
   - ii)　*Vanilla*
3. State two ways of controlling weeds in a garden.
   - i)　*Uprooting weeds*
   - ii)　*Mulching gardens*
   - iii)　*Slashing weeds*
   - iv)　*Spraying using herbicides*
4. Give the difference between pruning and thinning
   *Pruning is the removal of excess branches from a plant while thinning is the removal of excess crops from a garden*
5. What time of the day is transplanting done?
   *In the evening*
6. Give a reason to support your answer in No. 5 above.
   *To prevent seedlings from wilting*


# LESSON 4

**Exercise**

1. State one sign of pests on plants
   *Holes in plant leaves*
2. Name any one sign of diseases in crops
   *Yellowish leaves*
3. Why should seeds be dried properly before storing?
   *To prevent them from rotting*
4. Name any one plant attacked by the blight disease.
   *Sweet potato, Ground nuts, cassava*
5. Identify any one pest that attacks cereal crops.
   *Weaver birds, monkey, rats*

## LESSON 5

# Exercise

1.  Why should a school have a wood lot?

    *To get wood for firewood*

2.  Name the method of harvesting wood commonly used to get timber.

    *Coppicing*

3.  Name one factor to consider before choosing trees for planting

    *The type of wood produced*

4.  What type of fuel is got from trees?

    *Wood fuel*

## LESSON 6

**Exercise**

1.  What is agroforestry?

    *This is the growing of crops and trees alongside rearing animals on the same piece of land*

2.  Suggest any one importance of keeping animals and growing crops on the same piece of land at the same time?

    *Animals' wastes are used as manure in gardens*

3.  Suggest one method of properly harvesting trees.
    - *Coppicing*
    - *Pollarding*
    - *Lopping*

4.  Why is it important to treat wood for electric poles before planting them?

    *To prevent the poles from being destroyed by termites*

5.  How are young farmer's clubs important in schools?

    *To teach learners good farming methods*

6.  Why is it important to keep records on farms?

    *It enables farmers to plan for the farm*

7.  Give any one reason why it is important to keep records

    *To enable farmers to plan for the farm*

8.  Write down any one disease that affects bananas.

    *Banana Bacterial wilt*

9.  How important are the following farm practices on a farm?

    a)      Thinning – *it controls spread of disease*

    b)       Staking – *it makes weeding easy*

    c)      Pruning- *it reduces weight of a plant*

10. How are vermins different from vectors?

    *Vermins are animals that destroy crops while vectors are organisms that destroy crops*

11. Why is it important for farmers to plant their crops in nursery beds?

    *It protects seedlings from harsh weather*

12. State any three crops that can planted in a nursery bed.

    *i)      Tomatoes*

    *ii)     Cabbages*

    *iii)    Carrots*

    *iv)     Egg plants*

13. State one thing done to seedlings in a nursery bed that are about to be transplanted.

    *Hardening off*

14. Why is watering seedlings important when they are in a nursery bed?

    *Watering prevents seedling from wilting*

15. Mention any one characteristic of exotic trees.

    *They mature faster*