

**Wednesday, 29th April 2020**

## **Science lesson 27**

### **Tree growing:**

Trees grow from seeds.

### **Qualities of seeds to be planted**

1. Should be dry.
2. Should not be broken
3. Should be mature
4. Should be resistant to pest and disease attack

### **Types of trees**

1. Indigenous trees
2. Exotic trees

### **Indigenous trees**

These are trees that have been growing in Uganda for many years.

### **Examples of indigenous trees**

- |           |             |
|-----------|-------------|
| 1. Musizi | 3. Mvule    |
| 2. Acacia | 4. Mahogany |

### **Characteristics of indigenous trees**

1. Produce hard wood.
2. Take long to mature.
3. They can grow without special care.

### **Exotic trees**

These are the recently introduced species of trees.

### **Examples of exotic trees**

- |            |          |                 |
|------------|----------|-----------------|
| 1. Cypress | 3. Cedar | 5. Black wattle |
| 2. Pine    | 4. Mango | 6. Eucalyptus   |

7. Jack fruit tree

8. Ficus tree.

9. Douglas fir

### **Characteristics of exotic trees**

1. They produce soft wood.
2. They mature faster than the indigenous trees.
3. Need proper care.

### **Importance of trees**

- |  |                              |
|--|------------------------------|
| 1. Act as windbreaks                                     | 4. Source of wood fuel       |
| 2. Source of fruits                                      | 5. Source of herbal medicine |
| 3. Source of building materials<br>like timber and poles | 6. Purify air                |

### **Activity**

1. Name the commonest method of propagating trees.
2. State any two qualities of seeds to be planted.
3. Give any two characteristics of the following trees
  - a. Mvule trees
  - b. Cypress trees
4. Apart from seeds, give any other two examples of planting materials
5. State any two importance of trees planted in the compound at home
6. How do trees control soil erosion?
7. To which group of non flowering plants do pines, cypress and cedar belong?
8. What name is given to structures in which the group of non flowering plants mentioned in 8 above belong?
9. Give two examples of each of the following
  - I. Hardwood trees
  - II. Softwood trees
10. State any two differences between hardwood trees and soft wood trees