

Wednesday, 29th April 2020

Science marking guide for lesson 27

1. Name the commonest method of propagating trees.

Using seeds

2. State any two qualities of seeds to be planted.

- I. **Should be dry.**

- II. **Should not be broken**

- III. **Should be mature**

- IV. **Should be resistant to pest and disease attack**

3. Give any two characteristics of the following trees

- a. Mvule trees

- I. **They produce hard wood**

- II. **They take long to mature**

- III. **They have broad leaves**

- IV. **They can grow without special care**

- b. Cypress trees

- I. **They produce soft wood**

- II. **They mature fast**

- III. **They need proper care**

- IV. **They have needles instead of leaves**

4. Apart from seeds, give any other two examples of planting materials

1. **Stem cuttings**

4. **Setts**

7. **Corms**

2. **Stem tubers**

5. **Bulbs**

8. **Crowns**

3. **Suckers**

6. **Rhizomes**

9. **Leaves**

5. State any two importance of trees planted in the compound at home

1. **Trees act as wind breaks**

2. **Trees provide shade**

3. Trees provide fruits

6. How do trees control soil erosion?

Tree roots bind soil particles

7. To which group of non flowering plants do pines, cypress and cedar belong?

Coniferous plants

8. What name is given to structures in which the group of non flowering plants mentioned in 8 above belong?

Cones

9. Give two examples of each of the following

I. Hardwood trees

1. Musizi

4. Mahogany

7. Walnut trees

2. Acacia

5. Alder trees

8. Teak trees

3. Mvule

6. Oak trees

II. Softwood trees

1. Cypress

5. Black wattle

9. Douglas fir

2. Pine

6. Eucalyptus

10. Redwood trees

3. Cedar

7. Jack fruit tree

11. spruce

4. Mango

8. Ficus tree.

12. juniper

10.State any two differences between hardwood trees and soft wood trees

Hardwood trees	Softwood trees
Have a low growth rate	Have a high growth rate
Have broad leaves	Have needles instead of leaves
Produce expensive wood	Produce cheap wood
More resistant to common damages	Less resistant to common damages

Note: you can state the above answers in sentence form comparing hard wood trees with soft wood trees