

P.6.SCIENCE EXTRA 10

COMPOUND LEAVES

- **These are leaves with more than one leaflet on the stalk.**
- **They have many leaflets**
- **They have many leaf stalks**

EXAMPLES OF COMPOUND LEAVES

- **Compound pinnate**
- **Examples of plants with compound leaves e.g acacia and eucalyptus**
- **Compound bipinnate e.g jacaranda**

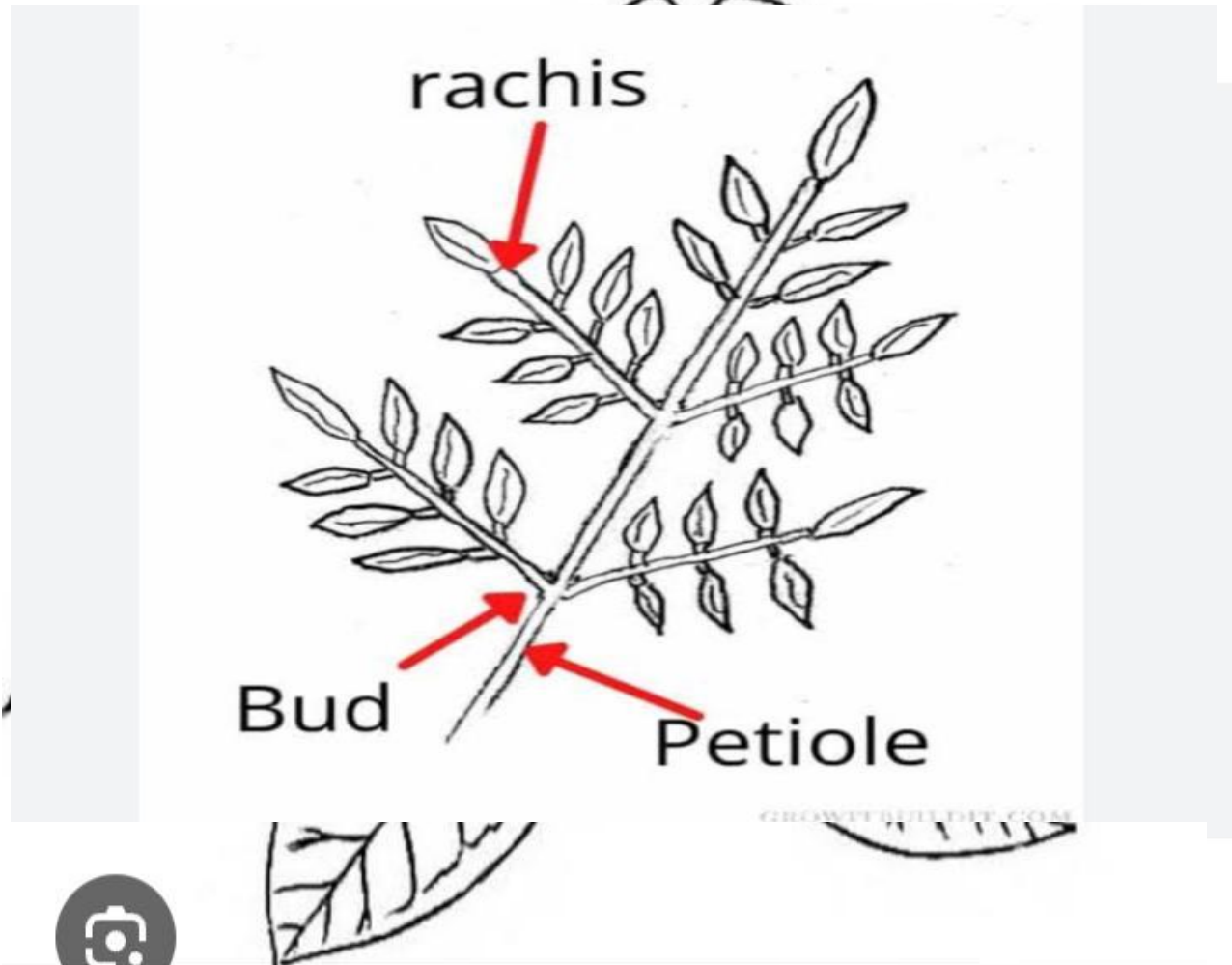
Compound digitate e.g cassava and silk cotton leaves

- **Compound trifoliate** e.g beans and soya beans
- **Compound bifoliate** e. g bryophyllum

Diagrams of compound leaves

Compound bi pinnate

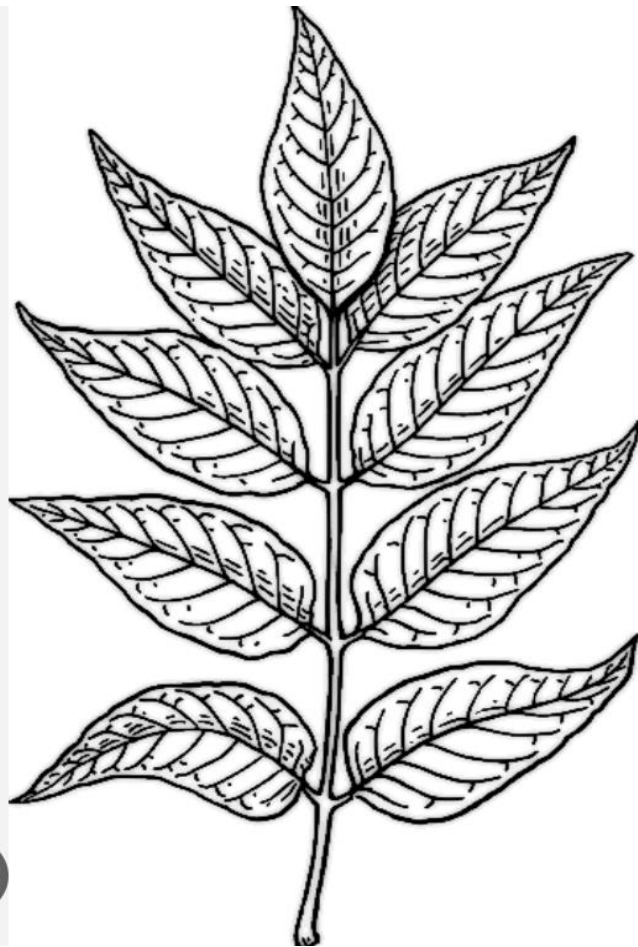
compound palmate



Compound trifoliate



Compound pinnate



LEAF VENATION

- **This is the arrangement of veins in the leaf**

Types of leaf venation

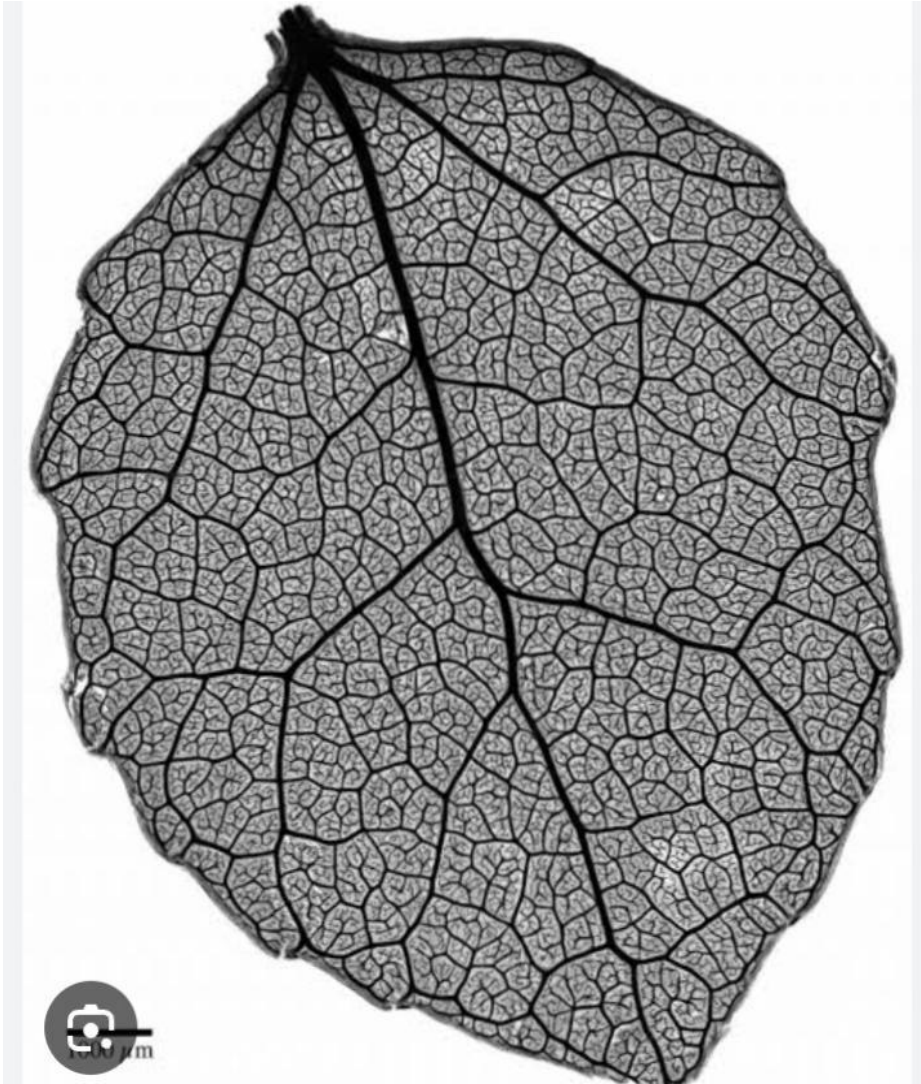
- a. Network leaf venation
(reticulate leaf venation)**
- b. Parallel leaf venation**

NETWORK LEAF VENATION

This is when veins form a net like a structure.

- **It is found in dicotyledonous plants**

A diagram showing network leaf venation



Examples of plants with network leaf venation

- **Beans**
- **Soybeans (soya beans)**
- **Peas**
- **Groundnuts**

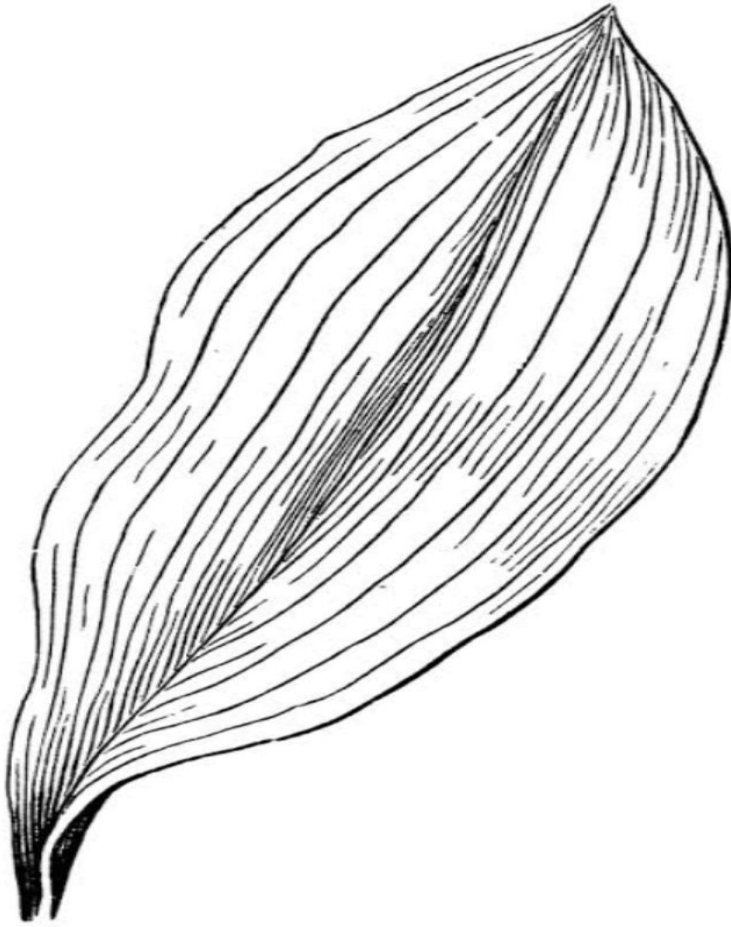
- **Mango**
- **Orange**
- **Cassava**
- **Coffee**

PARALLEL LEAF VENATION

This is when the veins are parallel to each other

- **It is common in monocotyledons plants**

A diagram showing parallel leaf venation



Examples of plants with parallel leaf venation

- **Millet**
- **Maize**
- **Sorghum**

- **Rice**
- **Barley Wheat**
- **Oats**
- **Sugar cane**
- **Onion**
- **Grass**

Activity

- a) Name two types of leaves.**
- b) Which type of leaf venation do banana plants have?**
- c) Give one example of a plant with network leaf venation.**
- d) What are compound leaves?**
- e) Name the type of leaf with one leaf on a leaf blade.**

