

Lab -2-

Plant Parts .

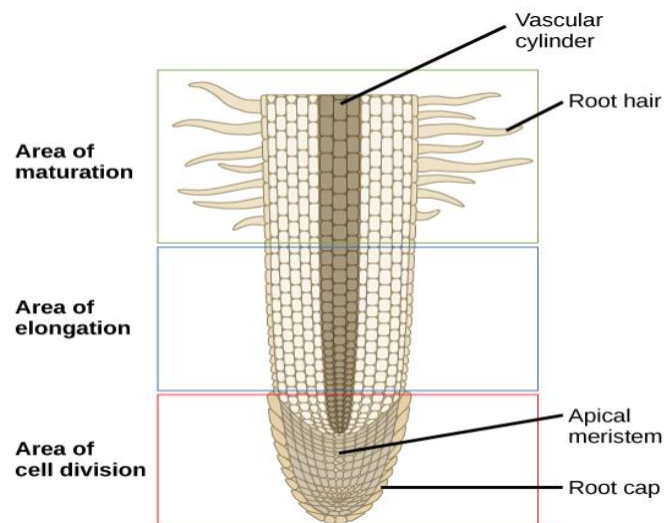
1. Root .
2. Stem .
3. Leaves (Leaf) .
4. Flower .
5. Fruit .

❖ ROOT

1. Root cup .
2. Zone of cell Division (Apical Meristem).
3. Zone of Enlongation (cell increase in size & long).
4. Zone of Maturation .

Function :

1. Root system anchors the plant in soil .
2. Absorb water & minerals from soil .
3. Store the product of photosynthesis recived from leaves .

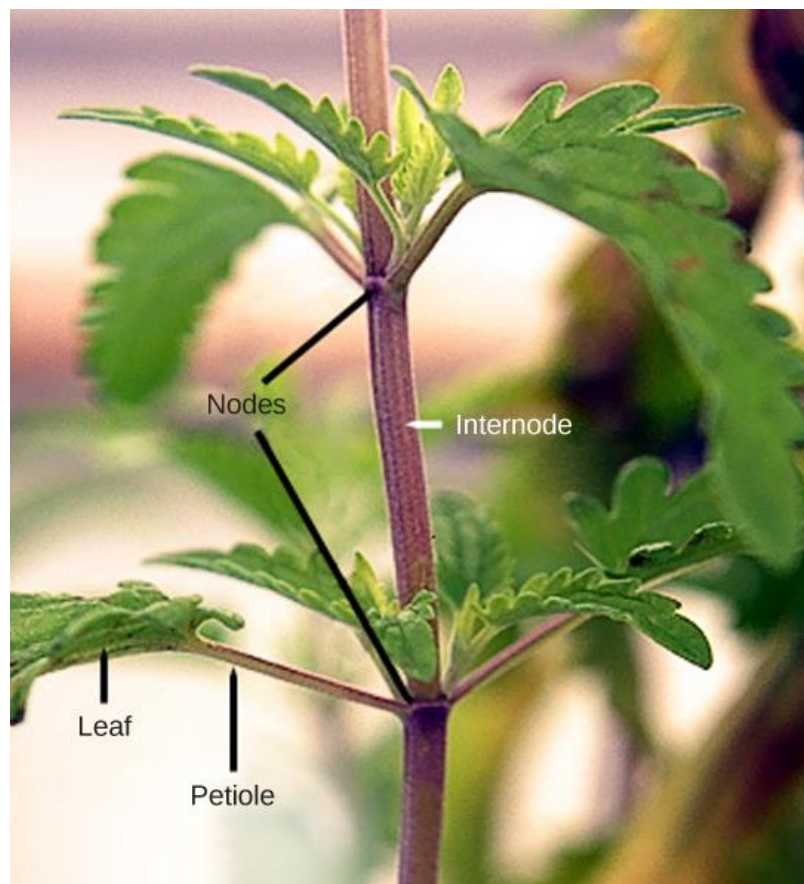


STEM .

1. Nodes .
2. Internodes .
3. Terminal Buds (Apical meristem) [Apical Branches], and (Axillary buds)
[Lateral Branches].

Function :

1. Support the structures of plant (flowers , fruits , leaves).
2. Bring water and minerals to leaves and distributed photosynthesis products to roots .
3. storage water and food and important in vegetative reproduction.



LEAF. Is the organ that produce food in plant .

Parts :

1. Flat Blade .
2. Midrib .
3. Petiole .
4. Veins .

Function :

1. produce energy compounds (ATP) or food by photosynthesis process .
2. leaf surface have stomata (pores) ,which through them the gas exchange done and remove water from plant body (Transmission process).

Parts of a Leaf

