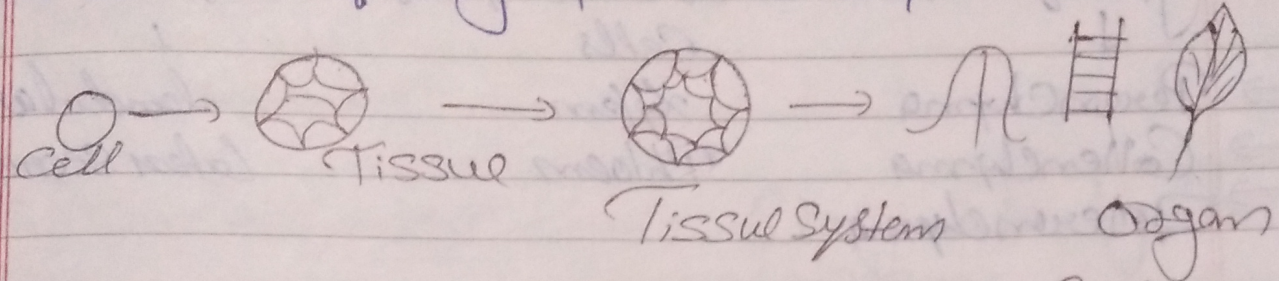
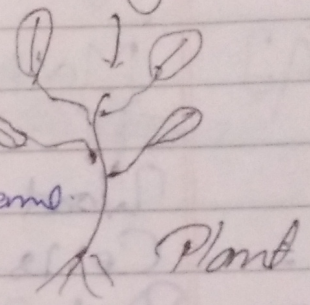


Plant anatomy - The Study of internal str of Plant is kls Plant anatomy. In which the internal str these are made from cells eg: Tissue, Tissue System, Primary & sec str of Organ. Study.

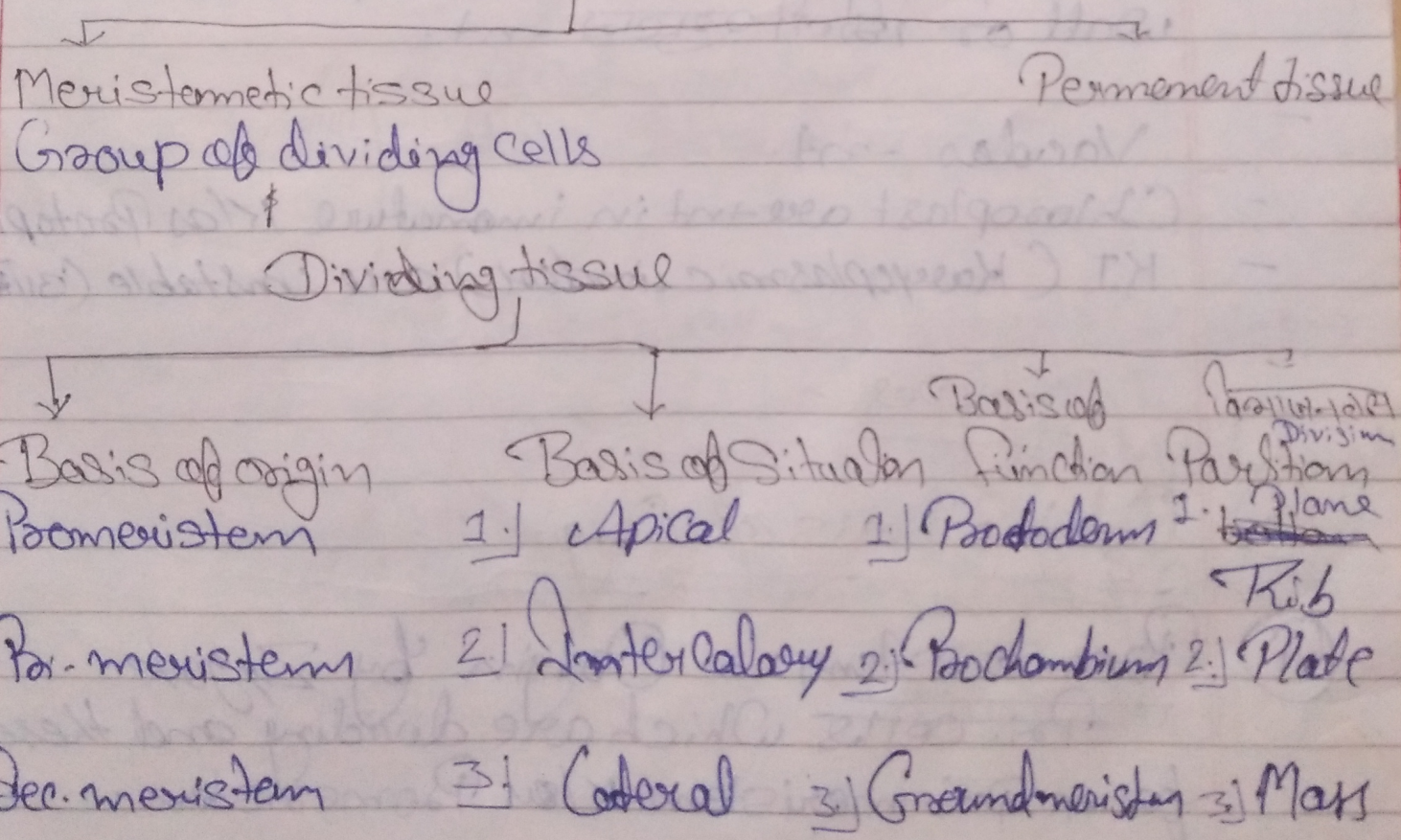


Tissue:- The group of cells of similar origin their function & str can be same.



Plant tissue word - "N. Grew"

Tissue



Bone

Permanent Tissue

→ Parade

Simple

Made of the same type of cell

↓

- Parenchyma
- Collenchyma
- Sclerenchyma

Complex

Made of two or more type of cells

Xylem
Phloem

Specific

Made of the special cells

↓

Glandular
Latex Secreatory

[A]

Meristematic tissue :-

Wood "Nagali"

Cells divided

Intercellular Space -nt.

Sec. Wall layer -nt.

No any type of element are deposit on the cell wall or 1st cell structure -nt.

Vacuoles -nt.

Chloroplast are -nt in immature K/ as Protoplastid

KI (Karyoplasmic index) are unstable (31/12/20)

Types:-

(1) On the basis of Origin :-

(A) Poameristem :- Origin by Zygote.
Pai. cells which are dividing and these are form Pai. meristem K/ as Poameristem

Zygote cell, Embryo cell.

① Primary meristem:- Origin by Promeristems.

Function:- Formation of csec. meristem

eg: Prochambium

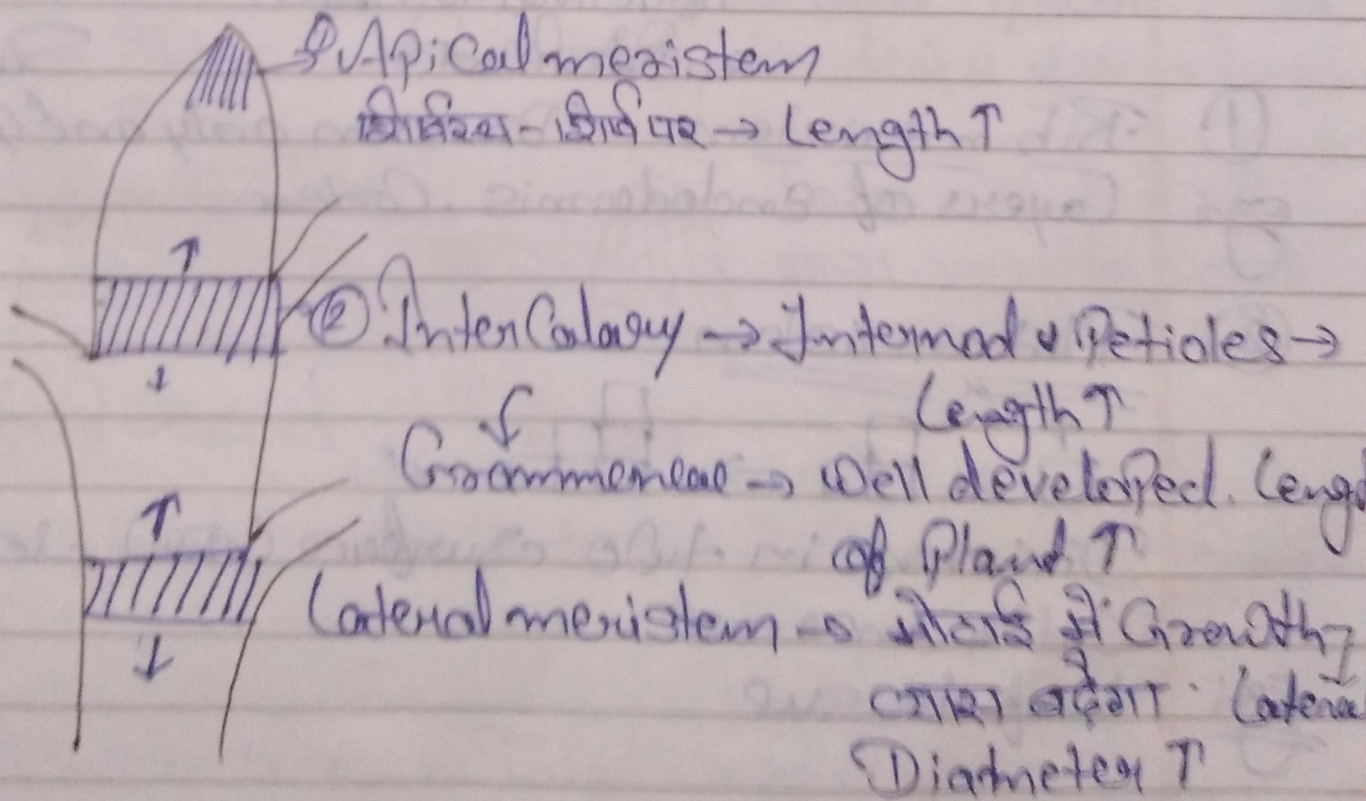
② Secondary meristem:- Originate by Pri. meristem.

Function:- Formation of csec. tissues

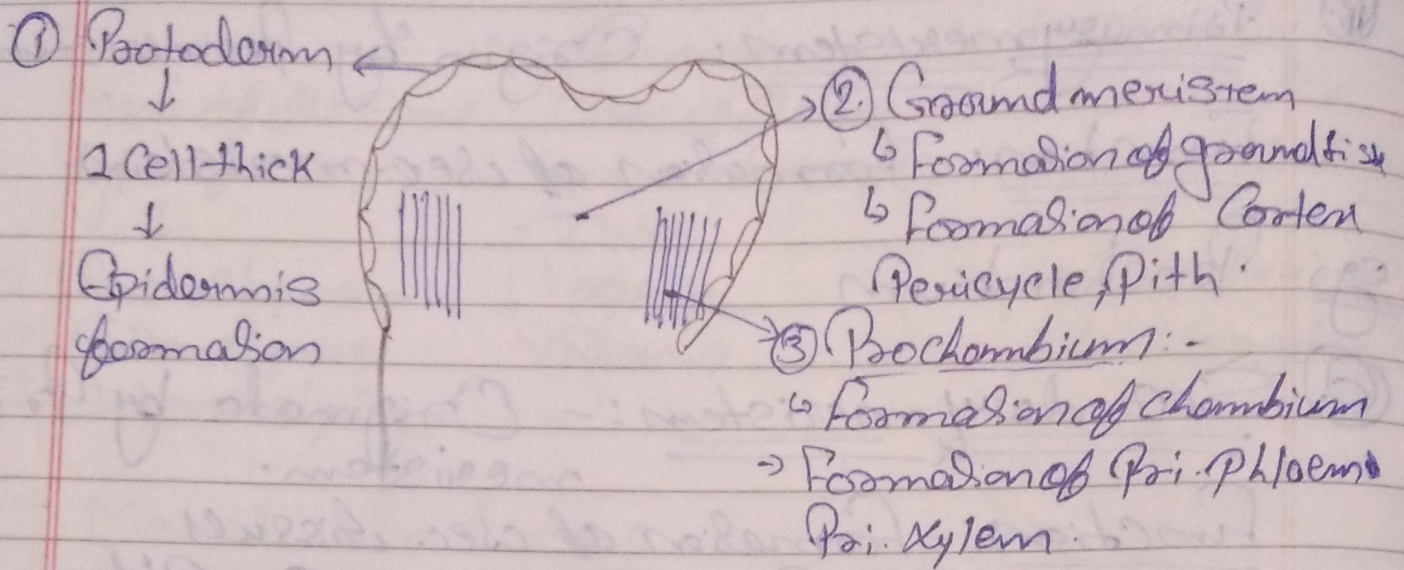
(Se form Sec. Xylem, Sec. Phloem)

eg: Chambium.

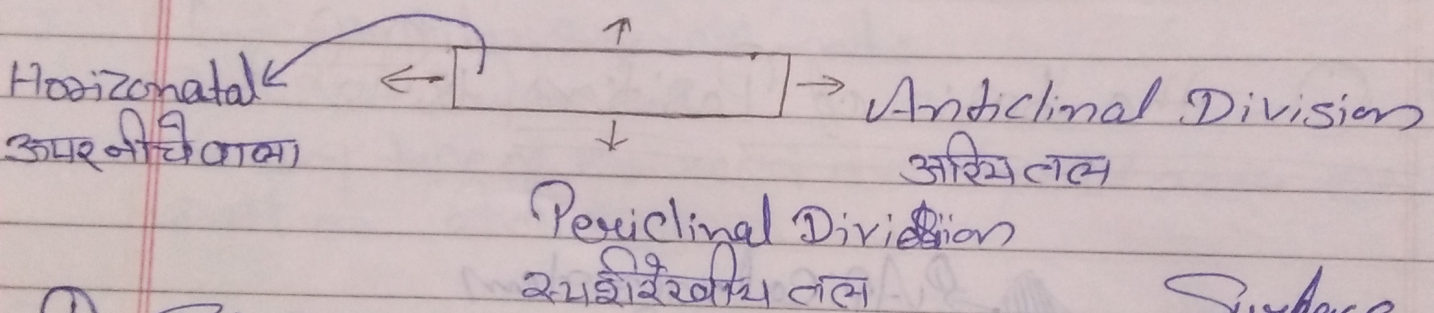
③ On the Basis of Position (12-21-11)



③ On the basis of function:-

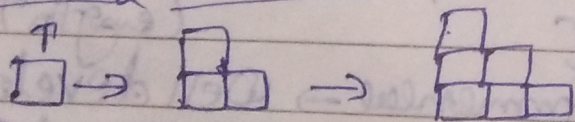


④ On the basis of Division:-



① Rib meristem:- Division only one place
eg: Layers of Endodermis, Cortex.

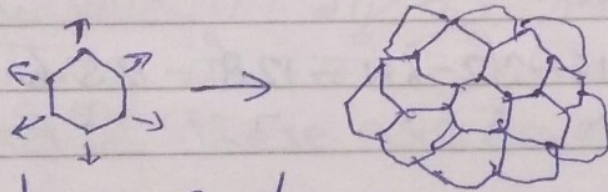
② Plat meristem:-



Division in two surface (लम्बाई) also length
width increase.
eg: Leaf tissue.

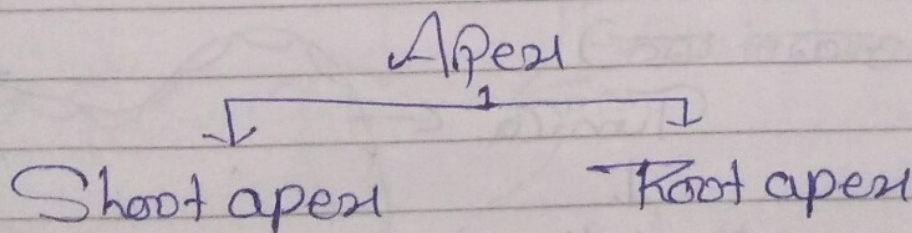
Rem

③ Mass meristem :- Division in two or more surface
Also Klas Group (समूह) meristem



Eg: Embryo and Endosperm.

Apex Organization :-



[I.] Shoot apex ⇒