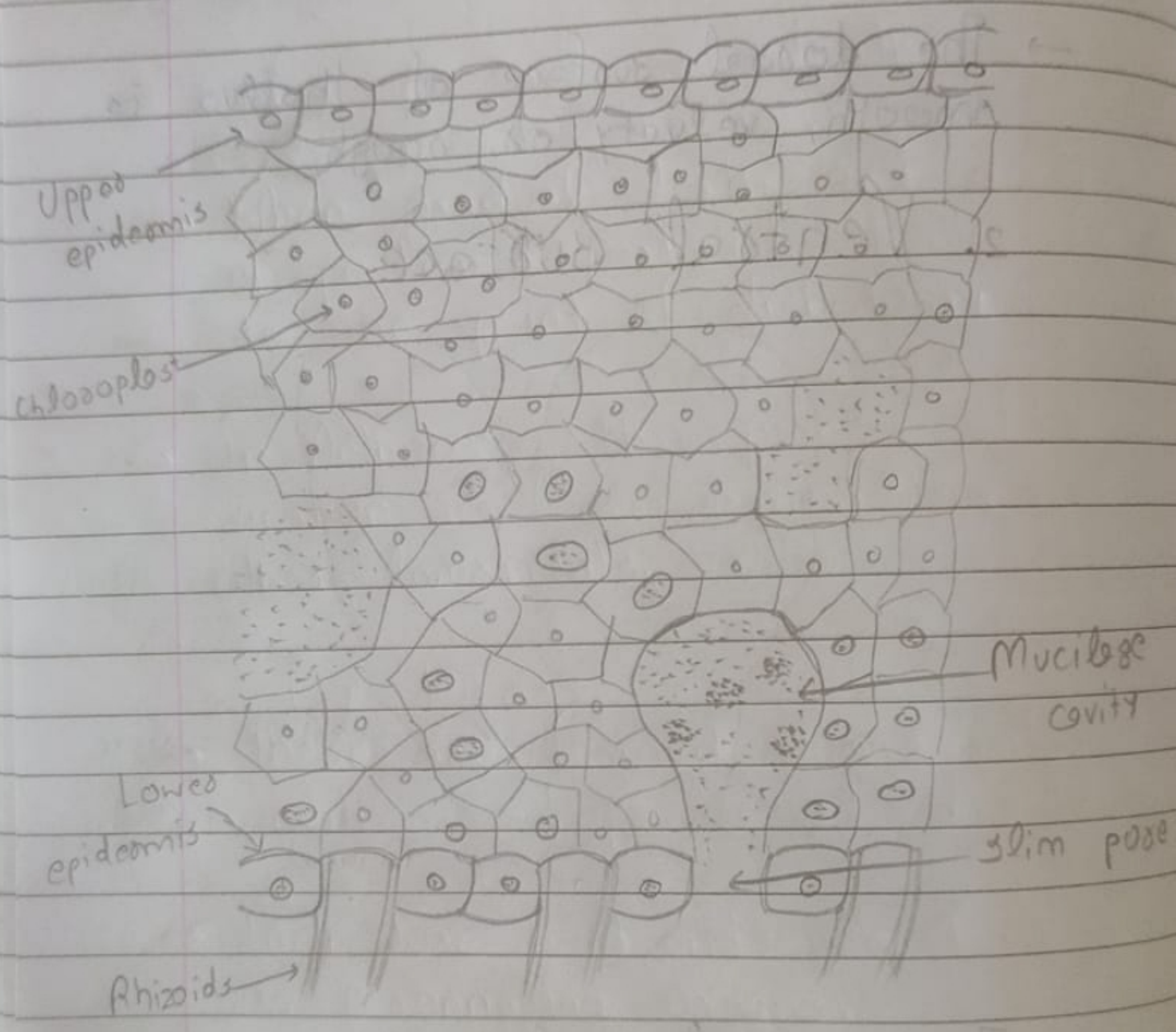


# II] Internal structure



→ The internal structure of thallus is simple without any cellular differentiation.

→ There is distinct and continuous

epidermis made up of comparatively small cells.

→ Each cell has one or more discoid or oval chloroplast which show lamellar structure of higher plants.

→ The chloroplast contain pyrenoids a characteristic feature of the class Anthocerotopsida.

→ There are no air pores instead mucilage cavities are present through open on ventral surface stomata like slits called slim pores.

→ These pores are formed by partial separation of two adjacent cell of the epidermis represent remnant of existing aerating system.

→ The mucilagenous cavities are invaded by the colonies of Nostoc enter through slim pores and grow into definite colonies.