

① Why epidermis is important for plants?

Ans:- It is the waxy cuticle layer which provides a protective layer barrier against mechanical injury, water loss and infection. It protects all the surface of the plants without any intercellular space in it. The epidermis bearing stomata also helps in removal of water from plants.

② Cork cells are made impervious to water and gases by the presence of which substance?

Ans → Suberin.

③ Define guttation?

Ans: Guttation is the loss of water in the form of water droplets from small pores called hydathodes on the leaf margin of a small herbaceous plant.