

1) Why epidermis is important for plants?

2) Epidermis is important for plants for the following reasons:-

- It protects the plant from desiccation and infection.
- Prevents wilting.
- Stomata in epidermis allow gas exchange to occur during photosynthesis and respiration, and transpiration.

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

3) Cork cells are made impermeable to water and gases by the presence of a waxy substance called "Suberin".

3) Define "Guttation"

→ Guttation is a process in which secretion of water droplets occurs through the various pores present in a plant.

→ Example:- Dew drops on leaves in night or early morning.