

ODM CONNECT APP HOMEWORK

Q1. Why epidermis is important for plants?

Ans) Epidermis is the protective covering of plant body, which is important for the plants due to the following reasons :-

- The main function of epidermis is to protect the plant from desiccation and infection.
- It also protect the plants from mechanical injury.
- Cuticle of epidermis cuts the rate of transpiration and evaporation of water and prevents wilting.
- Stomata in epidermis allow gaseous exchange to occur during photosynthesis and respiration.
- Stomata also helps in transpiration.

Q2. Cork cells are made impervious to water and gases by the presence of which substance?

Ans) Cork cells are made impervious to water and gases by the presence of a chemical named Suberin.

Q3. Define Guttation.

Ans) Loss of water in the form of droplets through hydathodes (pores) is known as Guttation.