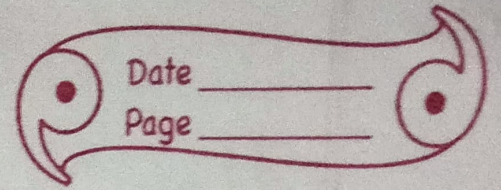


Homework



- 1) Why epidermis is important for plants?
- 2) Cork cells are made impervious to water and gases by presence of which substance?
- 3) Define guttation.

Answer

1) Epidermis is important for plant because:-

- It protects plant from entry of pathogens.
- The presence of cuticle in epidermis reduces the rate of evaporation and checks the water loss from aerial plants.
- The epidermis of root along root hairs helps in absorption of water and minerals.
- The stomata regulate the exchange of gases.

2) Cork cells are made impervious to water and gases by presence of a substance named cuticle.

3) Guttation is the process of loss of water in form of droplets through hydrenchodes.