

Q. Why epidermis is important for plants?

Ans- It is the waxy cuticle layer which provides a protective 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 the plants.

> The epidermis of root cells helps in increase in absorption of water & nutrients.

Q. Cork cells are made impervious to water & gases by the presence of which substances?

Ans- Suberin

Q. Define guttation.

Ans- The loss of water in the form of droplets through hydathodes is known as guttation.