

HOME ASSIGNMENT

Q1. Name the different components of xylem.

Ans:- Components of xylem:-

1. Tracheids
2. Vessels
3. Xylem Parenchyma
4. Xylem Sclerenchyma

Q2. What is the function of phloem tissue?

Ans:- Phloem transports photosynthetically prepared food material from the leaves to the storage organs and later from storage organs to the growing regions of the plant body.

Q3. Why xylem and phloem tissues are known as complex Permanent tissues?

Ans:- Xylem and phloem tissues are known as complex Permanent tissues because they are made up of more than one type of cells. All these cells coordinate to perform a common function.

Q4. Write two differences between ~~xy~~ xylem and phloem tissue.

Ans:- Xylem

Phloem

1. Xylem transports water and nutrients within the plant

2. The location of xylem is deep in the plant, in the centre of vascular bundle.

1. Phloem transports food and organic materials within the plant.

3. The location of phloem is on the outer side of the plant's vascular bundle.