

1. Name the different components of xylem?

Ans - The different components of xylem are tracheids, vessels, parenchyma, and fibres.

2. What is the function of phloem tissue.

Ans - Phloem is the vascular tissue in charge of transport and distribution of the organic nutrients. The phloem is also a pathway to signaling molecules and has a structural function in the plant body.

3. Why xylem and phloem tissues are known as complex permanent tissues.

Ans - Xylem and phloem are an example of complex permanent tissues. These tissues are named so because they are made up of more than one type of cells and all these different types of cells coordinate to perform the same function.

4. Write two differences between xylem and phloem

Xylem	Phloem
> Xylem carries water from roots to leaves	> Phloem carries food from leaves to growing parts and storage organs
> Made up of dead cells.	> Made up of living cells.