

HW  
10.7.21

- 1) Name the different components of xylem?
- 2) What is the function of phloem tissue?
- 3) Why xylem & phloem tissue are called complex permanent tissues?
- 4) Write two difference between xylem and phloem.

### Answers

1) Components of xylem

⇒ Tracheids

⇒ vessels

⇒ xylem parenchyma

⇒ xylem fibers

2- Functions of phloem tissue

⇒ It transport photosynthetically <sup>prepared</sup> ~~prepared~~ food from <sup>leaves</sup> ~~leaves~~ to ~~storage~~ storage organs.

⇒ Latex from storage organs to growing <sup>parts of the</sup> plant.

3- Xylem and phloem tissue are called complex permanent tissue <sup>because</sup> ~~is~~ they are made up of more than one type of cells and all these different types of cells coordinate to perform some function. They ultimately <sup>achieve</sup> the same goal.

despite their different structures & functions.

4) Difference of xylem and phloem.

<u>Xylem</u>	<u>Phloem</u>
⇒ A vascular & mechanical tissue	⇒ A living conducting tissue <del>do</del> not perform mechanical functions
⇒ Transport water & mineral to various parts of plant	⇒ Transport food to various parts of plants.

Simple squamous Epithelium :-