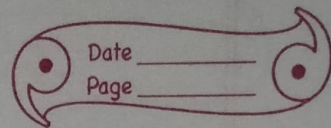


HOMEWORK



1) Name the different components in xylem.

Ans) The different components of xylem are:-

- ⇒ Tracheids
- ⇒ Vessels
- ⇒ Xylem parenchyma
- ⇒ Xylem Fibres

2) What is the function of phloem?

Ans) The function of phloem are:-

- It transports photosynthetically prepared food materials from leaves to storage organs and later from storage organs to the growing regions to the plant body.

3) Why xylem and phloem are known as complex permanent tissue?

Ans) Xylem and phloem are known as complex permanent tissue because they are made up of more than one type of cells that work together to perform a particular function.

With this they had also lost their ability to divide. Therefore xylem and phloem are known as complex permanent tissue.

4) Write two differences between xylem and phloem.

<u>Xylem</u>	<u>Phloem</u>
Helps in conduction of water and minerals.	Helps in conduction of food and organic solutes.
Flow of materials is unidirectional (upwards)	Flow of material is bidirectional