

HW
21/7/21

ODM CONNECT APP HOMEWORK

Q1. Name the different components of xylem.

Ans) The different components of xylem are

- Tracheids
- Vessels
- Xylem Parenchyma
- Xylem fibres

Q2. What is the function of phloem tissue.

Ans) Phloem transports (conducts) photosynthetically prepared food materials 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 consists of more than one type of cells which work together as a unit to perform a specific function, hence they are called as complex Permanent tissues. It is also known as conducting or vascular tissue.

Q4. Write two differences between xylem and phloem tissue.

Ans)

Xylem

- Xylem parenchyma is only living remaining cells are dead.

- It carries minerals, salts and water.

- The movement is only upward.

Phloem

- Phloem sclerenchyma only dead remaining all cells are living.

- An organic solution of sugars is translocated.

- The movement can be upward or downward.