

1. Multiple choice questions: Tick the correct choice.

- Movement of water in the plant body takes place through
(a) xylem (b) vascular tissues
(c) phloem (d) stomata
- Prepared food material is carried through
(a) xylem (b) vascular tissues
(c) phloem (d) stomata
- Water from the soil enters the root xylem by the process of
(a) diffusion (b) evaporation
(c) osmosis (d) transpiration

2. Fill in the blanks.

- Water passes into a root by the process called _____.
- Osmosis occurs through a _____ membrane.
- Water is lost from the leaves by _____.
- Upward movement of water takes place through _____.
- _____ tissue is involved in transportation of food in plants.

3. Write true or false in front of the statements given below:

- In Spirogyra, transport of materials take place through osmosis.
- Xylem and phloem are vascular tissues.
- 'Girdling experiment' demonstrates food synthesis in plants.
- Water enters root-hair by osmosis
- Transpiration is the loss of water from the roots of the plants.
- How does transport of materials take place in unicellular plants?
- What are root hairs? Mention the function performed by root hairs.
- How does movement and absorption of water take place through root?
- Name the process by which water loss takes place through leaves.
- Mention the significance of transpiration.
- What is transpiration?
- What is translocation?
- Define wilting.
- What is active transportation of minerals?