

Krishnagar Academy
Class: X
Subject: Biology
Topic: Absorption by Roots
Home Task

1. Differentiate:
 - a. Diffusion and osmosis
 - b. Exosmosis and endosmosis
 - c. Turgidity and flaccidity
 - d. Plasmolysis and deplasmolysis
 - e. Active and passive transport
 - f. Turgor and wall pressure
2. Define:
 - a. Imbibition
 - b. Root pressure
 - c. Osmotic pressure
 - d. Tonicity
3. What will happen when a normal cell is placed in
 - a. hypotonic medium?
 - b. hypertonic medium?
 - c. isotonic medium?
 - d. boiling water?
4. Write any two features of plant root hair which help in the absorption of water?
5. Briefly describe the mechanism of Ascent of sap.