



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Life Science

Class: VIII

Date: 06.02.2021

Ch-1 -Transport in Plants

F.M:15

WORKSHEET – 7

(1x15=15)

- i) Plants get rid of unused water by the process of
(1) Translocation **(2) Transpiration** (3) Wilting (4) All of these
- ii) The suction for transpiration pull arises due to
(1) **Shortage of water in leaves** (2) Excess of water in leaves (3) Shortage of water in stem
(4) None of these
- iii) The force of suction created is called -
(1) Transportation pull **(2) Transpiration pull** (3) Translocation pull (4) None of these
- iv) Due to transpiration
(1) **Roots have less water than surrounding soil** (2) Roots have more water than soil (3) Roots have equal water to soil
(4) None of these
- v) The upward movement of water and minerals is called
(1) **Ascent of sap** (2) Descend of sap (3) Pulling of sap (4) Drawing of sap
- vi) Transpiration helps in
(1) Diffusion **(2) Osmosis** (3) Active transport (4) Facilitated diffusion
- vii) The importance of transpiration is
(1) Cooling of plant body (2) Concentrating the cytoplasm of plant cells (3) Distribution of water and minerals
(4) All of these
- viii) Which of the following is important at night to pull up water?
(1) Transpiration **(2) Root pressure** (3) Ascent of sap (4) None of these
- ix) Minerals are taken up in the root hair by
(1) Osmosis (2) Diffusion **(3) Active transport** (4) Facilitated diffusion
- x) The absorbed water moves inside the root tissues by
(1) **Osmosis** (2) Active transport (3) Diffusion (4) Facilitated diffusion
- xi) Water moves up the plant due to
(1) Root pressure (2) Transpiration pull **(3) Transpiration pull and Root pressure**
(4) None of these
- xii) Water released through the cut end of a stem is called
(1) Transpiration **(2) Bleeding** (3) Hydrolysis (4) Guttation
- xiii) Bleeding in plants is caused due to
(1) **Root pressure** (2) Transpiration pull (3) Active transport (4) Facilitated diffusion
- xiv) In small plants, water can be pulled up only by
(1) Transpiration **(2) Root pressure** (3) Active transport (4) Facilitated diffusion
- xv) Which of the following plays the most important role in ascent of sap?
(1) Tracheids **(2) Vessels** (3) Xylem parenchyma (4) Xylem fibres

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