



# 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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