



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

Sub: Life Science

Class: VIII

Date: 30.1.2021

Ch-1 -Transport in Plants

F.M:15

WORKSHEET – 5

(1x15=15)

- i) Which of the following processes help in absorption of water from the soil?
(1) Diffusion (2) Osmosis (3) Active transport (4) **All of these**
- ii) Food cannot move without
(1) Xylem (2) **Phloem** (3) Xylem and phloem (4) None of these
- iii) Which of the following help in movement of the absorbed water in plants?
(1) Transpiration (2) Root pressure (3) **Transpiration and root pressure**
(4) Translocation
- iv) Water is given out through
(1) Roots (2) Stem (3) Fruits (4) **Stomata**
- v) Transpiration is regulated by the _____ activity.
(1) Physical (2) **Physiological** (3) Chemical (4) All of these
- vi) Too much of transpiration causes
(1) Swelling (2) Chlorosis (3) **Wilting** (4) Translocation
- vii) The number of guard cells surrounding the stomatal pore is
(1) 1 (2) 2 (3) 3 (4) 4
- viii) Which of the following is given out through stomata during photosynthesis?
(1) Carbon Dioxide (2) Nitrogen (3) **Oxygen** (4) Hydrogen
- ix) The concentration of _____ increase during the day in guard cells.
(1) Oxygen (2) Water vapour (3) **Glucose** (4) Carbon Dioxide
- x) The outer most layer of the sunflower stem is
(1) **Epidermis** (2) Sclerenchyma (3) Endodermis (4) Collenchyma
- xi) Which of the following is present between xylem and phloem?
(1) Epidermis (2) Endodermis (3) Periderm (4) **Cambium**
- xii) Closing of stomata will not lead to the decrease in
(1) Respiration (2) Transpiration (3) **Translocation** (4) Photosynthesis
- xiii) Which of the following will carry out transpiration?
(1) Stomata (2) Lenticels (3) **Stomata and lenticels** (4) Phloem
- xiv) Stomata generally closes at
(1) Noon (2) Morning (3) Sunrise (4) **Night**
- xv) Which of the following acts as an anti-transpirant?
(1) Oxygen (2) Water (3) **Vaseline** (4) Carbon Dioxide

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