



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

Sub: Life Science

Class: VIII

Date: 16.1.2021

Ch-1 -Transport in Plants

F.M:15

WORKSHEET – 1(ANSWERS)

(1x15=15)

- i) Which of the following substances is not transported in the body of living organisms?
(1) Nutrients **(2)Organs** (3)Enzymes (4) Hormones
- ii) Which of the following is unicellular?
(1) *Spirogyra* (2) Mosses **(3) Chlamydomonas** (4) Ferns
- iii) Oxygen in *Spirogyra* moves in through
(1) Osmosis **(2) Diffusion** (3) Active transport (4) Transpiration
- iv) Which of the following is a transport tissue in plants?
(1) **Xylem** (2) Collenchyma (3) Aerenchyma (4) Chlorenchyma
- v) In which of the following ways is water and dissolved minerals absorbed from the soil?
(1) Diffusion (2) Osmosis (3)Active Transport **(4) All of these**
- vi) Passive transport does not involve
(1) **Energy** (2) Nutrients (3) Minerals (4) Liquids
- vii) In diffusion, minerals move from
(1) **Higher to lower concentration** (2)Lower to higher concentration (3) one medium to another (4)None of these
- viii) Ink in water spreads through
(1) Osmosis **(2) Diffusion** (3) Active transport (4) Facilitated Diffusion
- ix) Diffusion can occur in
(1) Air (2) Water (3) Solids **(4) All of these**
- x) When the concentration of minerals is higher in the soil than inside the root, it absorbs minerals by
(1) Osmosis (2) Active transport **(3) Diffusion** (4) All of these
- xi) Release of water vapour through stomata is called
(1) Translocation **(2) Transpiration** (3)Perspiration (4) Respiration
- xii) Transpiration occurs through
(1) Osmosis **(2) Diffusion** (3) Active transport (4) Facilitated Diffusion
- xiii) Difference in concentration of a substance creates a
(1) **Gradient** (2) Gap (3) Channel (4) Pathway
- xiv) Which of the following will help the root to absorb water from the soil?
(1) Stem (2) Xylem **(3) Root hairs** (4) Phloem
- xv) The smell of an incense stick in the room spreads through
(1) Osmosis (2) Active transport **(3) Diffusion** (4) All of these

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