ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

Sub: Life Science **Class: VIII** **Date: 25.1.2021**

Ch-1 -Transport in Plants **F.M:15**

WORKSHEET – 4 **(1x15=15)**

i) Which of the following has broken end walls?
(1) Tracheids (2)Vessels (3)Xylem parenchyma (4) Xylem fibres

ii) Vessels are not found in
(1) Sunflower (2) Pinus (3) Ferns (4) China rose

iii) Which of the following also help in storage of food?
(1) Tacheids (2)Vessels (3)Xylem parenchyma (4) Xylem fibres

iv) Which of the following substances are present on the walls of the vessels?
(1) Pectin (2) Lignin (3)Suberin (4) All of these

v) Which of the following is not a component of phloem?
(1) Sieve tubes (2) Tracheids (3) Companion Cells (4) Phloem parenchyma

vi) Xylem is present in
(1) Leaf (2) Flower (3) Stem (4)All of these

vii) Nucleus is absent in
(1) Sieve tube (2) Phloem parenchyma (3) Xylem parenchyma (4)Companion Cells

viii) Which of the following are found beside the sieve tubes?
(1) Companion Cells (2) Phloem parenchyma (3) Phloem fibres (4) Xylem fibre

ix) The transverse walls of the sieve plates is called
(1) Sieve walls (2)Sieve plates (3) Septum (4) Sieve pores

x) Companion cells are found only in
(1) Ferns (2) Gymnosperms (3) Angiosperms (4)Algae

xi) Which of the following has sclerenchymatous cells?
(1) Sieve tubes (2) Companion cells (3) Phloem parenchyma (4) Phloem fibres

xii) Phloem parenchyma are absent in
(1) Gram (2) Pea (3) Rice (4) China rose

xiii) Which of the following is also called bast fibre?
(1) Tracheids (2) Phloem fibres (3) Phloem parenchyma (4) Xylem parenchyma

xiv) Which of the following components is dead?
(1) Sieve tubes (2) Companion cells (3) Phloem fibres (4) Phloem parenchyma

xv) Bast fibres of jute are separated by
(1) Rotting (2) Retting (3) Drying (4) None of these

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