



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Biological Sciences

Class: XI Date: 22.08.2020

Cell: The basic Unit of Life (Cell wall and cell membrane) F.M:15

WORKSHEET – 34(ANSWERS)

(1x15=15)

- i) Cell division in eukaryotic cells take place by the process of
(1) Amitosis (2) Mitosis (3) Meiosis **(4) All of these**
- ii) The germ mother cells are
(1) Haploid **(2) Diploid** (3) Triploid (4) Tetraploid
- iii) The peripheral cytoplasm is called-
(1) Hyaloplasm (2) Tonoplasm **(3) Ectoplasm** (4) Endoplasm
- iv) In plants, the cell wall is formed by-
(1) Tonoplast **(2) Phragmoplast** (3) Chloroplast (4) Chromoplast
- v) The intercellular matrix includes-
(1) Primary wall (2) Secondary wall **(3) Middle lamella** (4) None of these
- vi) In woody plants, the middle lamella consists of depositions of -
(1) Pectin (2) Suberin **(3) Lignin** (4) Cutin
- vii) Middle lamella is mainly formed of -
(1) Hemicellulose (2) Lignin (3) Suberin **(4) Calcium pectate**
- viii) Which of the following is the innermost layer?
(1) Middle lamella (2) Secondary wall (S1) (3) Primary wall **(4) Secondary wall (S3)**
- ix) Viruses circulate diseases in plants by-
(1) Cell wall (2) Cell membrane **(3) Plasmodesmata** (4) None of these
- x) The microfibril which floats in the matrix of the cell wall mainly consists of-
(1) Cutin (2) Pectin **(3) Cellulose** (4) Hemicellulose
- xi) Which is the major component of the plasma membrane?
(1) **Protein** (2) Lipid (3) Polysaccharide (4) Fatty acids
- xii) The three different types of proteins in the membrane include -
(1) Structural protein (2) Carrier protein (3) Enzymatic protein **(4) All of these**
- xiii) The model of plasma membrane that has been accepted as the correct one is -
(1) Danielli and Harvey Model **(2) Fluid mosaic Model** (3) Unit membrane Model
(4) Danielli and Davson Model
- xiv) Which of the following is quasifluid in nature?
(1) Proteins (2) Carbohydrates **(3) Lipids** (4) All of these
- xv) Which of the following is not a component of the plasma membrane?
(1) Glycoprotein **(2) Peptidoglycan** (3) Glycolipids (4) Phospholipids

Manjaree Guha