



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: LIFE SCIENCE

Class: VIII Date: 14.04.2020

Topic: CELL Page - 59, 60 (Booklet)

FM: 15

WORKSHEET - 7

(1x15=15)

- i) Cell was discovered by
(1) Robert Brown **(2)Robert Hooke** (3)Leuwenhoek (4)Purkinje
- ii) Cell was discovered on examination of
(1) **Cork Cell** (2) Rubber (3)Leaf cell (4)Root cell
- iii) The free living cells were discovered by-
(1) **Leuwenhoek** (2)Robert Brown (3)Robert Hooke (4)Purkinje
- iv) Cork cells have _____ structure
(1) Cuboidal (2)Cubical **(3)Honeycomb-like** (4)Spherical
- v) Purkinje coined the term-
(1) Nucleus (2)Cytoplasm **(3)Protoplasm** (4)Cell
- vi) Cell was discovered in the year
(1) 1831 **(2)1665** (3)1674 (4) 1839
- vii) The organism which is an exception to the cell theory is
(1) **Virus** (2)Bacteria (3)Fungus (4)Protozoan
- viii) The scientist who modified the cell theory was
(1) Theodor Schwann (2)Matthias Schleiden **(3)Rudolf Virchow** (4)Robert Virchow
- ix) The cell membrane consists of
(1) Proteins (2)Lipids (3)Carbohydrates **(4) All of these**
- x) The type of lipids in the cell membrane is
(1) **Phospholipids** 2)Sphingolipids (3)Both 1 and 2 (4)None of these
- xi) Cell membrane is a _____ membrane
(1) Permeable **2)Selectively permeable** (3)Semi-permeable
(4)Impermeable
- xii) Parchment paper is
(1) Permeable (2)Selectively permeable **(3)Semi-permeable**
(4) Impermeable
- xiii) Cell theory was proposed by-
(1) Matthias Schleiden (2)Theodor Schwann **(3)Both 1 and 2** (4)None of them
- xiv) Cork cells had a wall which is made up of -
(1) Proteins (2)Lipids **(3)Cellulose** (4) Chitin
- xv) The number of lipid layers in cell membrane is
(1) **Two** (2)Three (3)One (4)Four