



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

Sub: LIFE SCIENCE

Class: VIII

Date: 11.06.2020

Pamphlet (Mitochondria, Golgi body, and Endoplasmic Reticulum)

FM: 15

WORKSHEET – 34(ANSWERS)

(1x15=15)

- i) Which of the following organs is called the power house of the cell?
(1) Golgi body (2) Lysosomes **(3) Mitochondria** (4) Ribosomes
- ii) The number of membranes in mitochondria is
(1) 1 **(2) 2** (3) 3 (4) 4
- iii) The folding of the inner membrane of mitochondria is called
(1) Cisternae **(2) Cristae** (3) Vacuoles (4) Vesicles
- iv) Energy is stored in the form of
(1) **ATP** (2) ADP (3) AMP (4) All of these
- v) Mitochondria contains its own
(1) Vacuoles (2) Cisternae **(3) DNA** (4) Vesicles
- vi) The most important function of function of mitochondria is in
(1) Digestion **(2) Respiration** (3) Circulation (4) Excretion
- vii) Golgi body was discovered by
(1) Camilla Golgi (2) Camellina Golgi **(3) Camillo Golgi** (4) Camellia Golgi
- viii) Which of the following is not a function of Golgi?
(1) Secretion (2) Modification (3) Packaging **(4) Manufacture proteins**
- ix) Which of the following organelles are formed from Golgi?
(1) Ribosomes (2) Centrosomes **(3) Lysosomes** (4) All of these
- x) The flattened sacs of Golgi are called-
(1) Vesicles (2) Cristae **(3) Cisternae** (4) None of these
- xi) Which of the following is not a part of Golgi -
(1) Cisternae **(2) Stoma** (3) Cis- face (4) Trans-face
- xii) Rough Endoplasmic Reticulum as it has-
(1) Centrosomes **(2) Ribosomes** (3) Lysosomes (4) Peroxisomes
- xiii) The function of Rough Endoplasmic Reticulum is synthesizing
(1) Carbohydrates (2) Lipids **(3) Proteins** (4) All of these
- xiv) Which of the following cell organelles synthesize lipids and fats?
(1) **Smooth Endoplasmic Reticulum** (2) Rough Endoplasmic Reticulum (3)
Golgi body (4) Mitochondria
- xv) Which of the following microscopes help in observing cell organelles?
(1) Simple (2) Compound **(3) Electron** (4) All of these
