



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

Sub: LIFE SCIENCE

Class: VIII Date: 12.06.2020

Pamphlet (Vacuoles, Lysosome and Ribosome) FM: 15

WORKSHEET – 35 (ANSWERS)

(1x15=15)

- i) The membrane that surrounds the vacuoles are called
(1) Chloroplast (2) Chromoplast (3) **Tonoplast** (4) Leucoplast
- ii) The organelle which stores cell sap
(1) Plastid (2) Centrosome (3) **Vacuole** (4) Lysosome
- iii) Which of the following cell organelles may or may not be present in animal cells?
(1) ER (2) Golgi body (3) Mitochondria (4) **Vacuoles**
- iv) Which of the following is not a type of vacuole
(1) Contractile (2) Central (3) Food (4) **Excretory**
- v) Which of the following cell organelles does not have membrane?
(1) Vacuoles (2) **Ribosomes** (3) Lysosomes (4) Centrosomes
- vi) Ribosomes have _____ subunits
(1) 1 (2) **2** (3) 3 (4) 4
- vii) The type of ribosomes present in eukaryotes is of
(1) 70S (2) **80S** (3) 90S (4) 100S
- viii) The subunits of 70S ribosomes consist of
(1) **50S, 30S** (2) 30S, 20S (3) 50S, 20S (4) 30S, 40S
- ix) Which of the following cell organelles is called 'protein factory of the cell'?
(1) **Ribosomes** (2) Centrosomes (3) Lysosomes (4) Peroxisomes
- x) The process by which proteins are synthesized is
(1) Replication (2) Transcription (3) **Translation** (4) None of these
- xi) The cell organelles which is called 'suicidal bag of the cell'-
(1) Ribosomes (2) **Lysosomes** (3) Centrosomes (4) None of these
- xii) Which of the following cell organelles is present in both eukaryotes and prokaryotes?
(1) Centrosomes (2) Lysosomes (3) **Ribosomes** (4) Peroxisomes
- xiii) Which of the following help in intracellular digestion?
(1) Ribosomes (2) Centrosomes (3) ER (4) **Lysosomes**
- xiv) How many membranes are present in lysosomes?
(1) **1** (2) 2 (3) 3 (4) 4
- xv) Which of the following cell organelles are found mostly in animal cells?
(1) ER (2) Ribosomes (3) **Lysosomes** (4) Centrosomes
