



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

WORK SHEET – 5 (solutions)

Class: IX

Sub: LIFE SCIENCE

Topic: Cell: Endoplasmic reticulum, Golgi Bodies and Lysosomes

F. M.: 15

Date: 11.04.2020

A) Choose the correct option: (1x15=15)

- The network of membrane found throughout the cell is:
a) nucleus b) ribosome c) Endoplasmic reticulum d) mitochondria
Answer: Endoplasmic Reticulum (c)
- Function of endoplasmic reticulum:
a) Storage of steroids b) transport of substance from nucleus to membrane
c) protein packaging d) All of these
Answer: All of these (d)
- Ribosomes are present on:
a) Smooth ER b) Rough ER c) Both Smooth ER and rough ER d) none of these
Answer: Rough ER (b)
- Rough ER is involved in :
a) Proteins synthesis b) forming steroids c) packaging of proteins d) protection
Answer: Packaging of proteins (c)
- Storage of steroids are associated with:
a) Mitochondria b) Endoplasmic reticulum c) Golgi Bodies d) Smooth ER
Answer: Smooth ER (d)
- How many types of ER are there:
a) Two b) three c) one d) four
Answer: Two (a)
- Golgi Bodies was first observed by:
a) William Harvey b) Charles Darwin c) Camillo Golgi d) Malthus
Answer: Camillo Golgi (c)
- Function of Golgi Bodies:
a) Secretion b) Protection c) storage d) all of these
Answer: Secretion (a)
- Which structure is situated close to nucleus and ER:
a) Ribosome b) Golgi Bodies c) Lysosome d) Mitochondria
Answer: Golgi Bodies (b)

10. Packages of big molecules originating from Golgi Bodies are called:
a) cisternae b) transition vesicle c) secretory vesicles d) vesicles
Answer: secretory vesicles (c)
11. Vesicles which transport proteins from RER to Golgi Bodies are:
a) Secretory vesicle b) transition vesicle c) newly formed vesicle d) vesicles
Answer: Transition vesicles (b)
12. The suicidal bags of the cell are called:
a) Lysosomes b) rhodoplast c) mitochondria d) ribosomes
Answer: Lysosome (a)
13. Function of lysosome:
a) Digest food b) digest cell organelles c) breakdown of cell d) all of these
Answer: all of these (d)
14. Organelle with a single membrane :
a) Mitochondria b) Golgi Bodies c) lysosome d) ribosome
Answer: Lysosome (c)
15. Lysosomes contains enzymes which breakdown complex molecules like:
a) amylases b) proteases c) Both (a) and (b) d) none of these
Answer: Both (a) and (b) (c)

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