



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

SOLUTIONS – 21

Class: IX

Sub: Life Science

Date: 27.03.2021



**Topic: Ch 2 (part 7) Structure of cell – Ribosomes, Microtubules and Centrioles ;
Types of cells** **F.M. : 15**

Choose the correct option:

(1x15=15)

1. are called the protein factories.
a) **Ribosomes** b) microtubules c) vacuoles d) all of these
2. 70 S ribosome is found in:
a) Prokaryotes only b) mitochondria c) chloroplast d) **all of these**
3. The sub units of 80 s ribosomes are:
a) 50 s and 30 s b) 70 s and 10s c) **60 s and 40 s** d) all of these
4. The large sub unit of ribosome found in Prokaryotes is svedbergs.
a) **60** b) 50 c) 40 d) 70
5. initiates cell division in animal cell.
a) microtubules b) **centrioles** c) vacuoles d) nucleus
6. The centrioles are made up of :
a) **microtubules** b) glycolipids c) microfibrils d) microfilaments
7. The two centriole are at the angle of degrees to each other.
a) 45 b) 60 c) **90** d) none of these
8. Microtubules are found in:
a) cilia b) flagella c) centrioles d) **all of these**
9. The following is not a characteristic of a prokaryotic cell:
a) mitochondria absent b) endoplasmic reticulum is absent c) thylakoids scattered in the cytoplasm d) **golgi bodies present**
10. The following structure in the nucleoid is absent:
a) nuclear membranes b) nuclear pore c) nucleolus d) **all of these**
11. The shape of a plant cell is :
a) spherical b) oval c) **rectangular** d) elliptical
12. Cell wall in plant cell is made up of:
a) chitin b) **cellulose** c) peptidoglycan d) all of these
13. Large vacuole take up percent of the total cell volume.
a) 40 b) **90** c) 50 d) 60
14. Structure close to the nucleus:
a) **centrioles** b) mitochondria c) ribosomes d) none of these
15. The following structure are absent in the animal cell
a) Large vacuole b) chloroplasts c) cell wall d) **all of these**

Shaista Ahmed

