



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Biological Sciences

Class: XI Date: 17.08.2020

Cell: The basic Unit of Life (Prokaryotic and Mesokaryotic Cell)

F.M:15

WORKSHEET – 33(ANSWERS)

(1x15=15)

i) Mycoplasma is

- (1) **Prokaryotic** (2) Mesokaryotic (3) Eukaryotic (4) None of these

ii) Which of the following types of ribosomes was found in prokaryotic cells?

- (1) 50S (2) 80S (3) **70S** (4) 60S

iii) Incipient nucleus is also termed as-

- (1) Nucleolus (2) **Genophore** (3) Chromoplasm (4) Lamellosomes

iv) In prokaryotic cells, the cell wall is formed of-

- (1) Lipoprotein (2) Lipopolysachharide (3) Protein (4) **Peptidoglycan**

v) Chromosomes are absent in

- (1) *Gymnodium* (2) *Noctiluca* (3) ***Nostoc*** (4) *Peridinium*

vi) When plasmids are associated with nucleoid it is referred to as

- (1) Mesosomes (2) **Episomes** (3) Hyposomes (4) None of these

vii) In mesokaryotic cell, cell division takes place by

- (1) Mitosis (2) Meiosis (3) **Amitosis** (4) None of these

viii) The chromosomes of *Noctiluca* does not have-

- (1) Chromatids (2) **Centromere** (3) DNA (4) Acidic protein

ix) Which of the following is also called incipient mitochondria?

- (1) Granules (2) **Mesosomes** (3) Chromatophore (4) Plasmid

x) Plasmid is

- (1) Self- replicating (2) Extra - chromosomal (3) Circular (4) **All of these**

xi) Which of the following is absent in mesokaryotic cells?

- (1) Nucleus (2) Ribosome (3) **Centrosome** (4) Chloroplast

xii) Bacteriochlorophyll is present in-

- (1) Plasmid (2) Mesosomes (3) **Chromatophore** (4) None of these

xiii) Basal body, Hook, Filament are parts of

- (1) **Flagella** (2) Pili (3) Fimbriae (4) Cilia

xiv) Outer cytoplasmic layer containing pigments

- (1) Chromatophore (2) **Chromoplasm** (3) Thyllakoid (4) Mesosomes

xv) Chromoplasm does not contain-

- (1) Pigment (2) Pseudovacuoles (3) Reserve food (4) **Respiratory pigments**

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