



# 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

(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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Manjaree Guha