



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Biological Sciences

Class: XI

Date: 24 .06.2020

(Unit -I) Ch-3- Classification of Living Organisms

FM: 15

WORKSHEET – 9

(ANSWERS)

(1x15=15)

- i) The cell wall in Monerans is made up of
(1) Cellulose (2) Murein (3) Starch **(4) Peptidoglycan**
- ii) Which of the following organisms do not belong to the five kingdom classification?
(1) Bacteria (2) Fungi **(3) Viruses** (4) Protozoans
- iii) The ecological role of Fungi is
(1) Producers **(2) Decomposers** (3) Consumers (4) All of these
- iv) The mode of nutrition of Kingdom Animalia
(1) Absorptive nutrition **(2) Ingestive heterotrophy** (3) Photoautotrophy
(4) Chemoautotrophy
- v) The unicellular and eukaryotic organisms belong to the kingdom
(1) Monera (2) Fungi **(3) Protista** (4) Animalia
- vi) Which of the following has the role of consumers?
(1) Plantae **(2) Animalia** (3) Fungi (4) None of these
- vii) Under anaerobic conditions, thermoacidophiles form-
(1) H_2SO_4 **(2) H_2S** (3) CS_2 (4) HNO_3
- viii) Which of the following groups of organisms might have pseudomurein in their cell wall?
(1) **Methanogens** (2) Thermoacidophiles (3) Halophiles (4) None of these
- ix) Which of the following are obligate anaerobes?
(1) **Methanogens** (2) Thermoacidophiles (3) Halophiles (4) All of them
- x) Which of them are called living fossils?
(1) Eubacteria **(2) Archaeobacteria** (3) Fungi (4) Plantae
- xi) In archaeobacteria, the cell membrane has branched chain
(1) **Lipids** (2) Proteins (3) Glucose (4) Cellulose
- xii) The fatty acids in archaeobacteria are linked by _____ linkage to glycerol
(1) Ester **(2) Ether** (3) Glycosidic (4) Peptide
- xiii) The ribosomes of Monerans are of
(1) 80S **(2) 70S** (3) 50S (4) 60S
- xiv) In archaeobacteria, the cell wall is not made up of
(1) Proteins (2) Non-cellulosic polysaccharides **(3) Peptidoglycan**
(4) All of them
- xv) Which of the following are present in the ruminants' stomach?
(1) **Methanogens** (2) Thermoacidophiles (3) Halophiles (4) None of these

Manjaree Guha