



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Biological Sciences

Class: XI

Date: 25 .06.2020

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

FM: 15

WORKSHEET – 10

(1x15=15)

- i) Which of the following is the most common mode of reproduction in bacteria?
(1) Budding (2) Binary fission (3) Fragmentation (4) Multiple fission
- ii) Which of the following layers protect the cell from antibodies?
(1) Cell membrane (2) Cell wall (3) Protoplast (4) Slime layer
- iii) When the slime layer accumulates slime to form a thick layer, it is called
(1) Cell wall (2) Mesosomes (3) Cell membrane (4) Capsule
- iv) Mesosomes are formed from the infolding of
(1) Cell membrane (2) Cell wall (3) Slime layer (4) Protoplast
- v) Which of the following is also called 'incipient mitochondria'?
(1) Plasmid (2) Polyribosomes (3) Mesosomes (4) Ribosomes
- vi) When the plasmids associate with the 'nucleoid', it is also called-
(1) Episome (2) Mesosome (3) Ribosomes (4) Polyribosomes
- vii) The mesosomes are found in-
(1) Gram positive bacteria (2) Gram negative bacteria (3) All bacteria (4) None of these
- viii) Which of the following is not found in bacteria?
(1) Carotenoids (2) Bacteriochlorophyll (3) Bacteriopheophytin (4) Chlorophyll a
- ix) Which of the following makes up the structure of flagella?
(1) Keratin (2) Flagellin (3) Actin (4) Pilin
- x) When several ribosomes are attached to a strand of mRNA it is called
(1) Nucleoid (2) Mesosomes (3) Polyribosomes (4) None of these
- xi) Which of the following is not a reserve food in bacteria?
(1) Glycogen (2) Volutin (3) Starch (4) Elemental Sulphur
- xii) The shape of Vibrio cholera is
(1) Oval (2) Spiral (3) Comma-shaped (4) Helical
- xiii) The cell in Caulobacter is
(1) Spherical (2) Rod-shaped (3) Prosthecate (4) Spiral
- xiv) Which of the following is not true about the genetic material of bacteria?
(1) They lack nucleus (2) Double stranded (3) DNA lack histones (4) Spindle is formed during cell division
- xv) Genetic recombination in bacteria does not take place through
(1) Conjugation (2) Fertilization (3) Transformation (4) Transduction

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