



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Biological Sciences

Class: XI

Date: 23 .06.2020

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

FM: 15

WORKSHEET – 8

(Answers)

(1x15=15)

- i) Classification helps in-
- (1) Identification of living organisms (2) Know the relationships of different groups
(3) Know the evolutionary significance of living organisms **(4) All of these**
- ii) The artificial system of classification is based on
- (1) **Morphology** (2) Evolution (3) Fossil records (4) Anatomy
- iii) Classification by which of the following scientists is not an artificial system of classification?
- (1) Carolus Linnaeus **(2) Bentham- Hooker** (3) Aristotle (4) Pliny
- iv) Which of the following systems is mainly used in India?
- (1) Artificial **(2) Natural** (3) Phylogenetic (4) Phenetic
- v) Which of the following system of classification is also called 'numerical classification'?
- (1) Artificial (2) Natural (3) Phylogenetic **(4) Phenetic**
- vi) The classification by Engler and Prantl is
- (1) Natural (2) Artificial (3) Phenetic **(4) Phylogenetic**
- vii) Which of the following systems is based on overall similarity and dissimilarity?
- (1) Natural (2) Artificial **(3) Phenetic** (4) Phylogenetic
- viii) The two kingdom classification of Carolus Linnaeus was based on
- (1) Prokaryotic or Eukaryotic organisms (2) Unicellular or multicellular (3) Sexual and asexual reproduction **(4) Presence or absence of cell wall**
- ix) The three domain system was introduced by
- (1) Copeland (2) Haeckel **(3) Carl Woese** (4) Carolus Linnaeus
- x) The third domain in the three – domain classification was
- (1) Archae (2) Eubacteria (3) Bacteria **(4) Eukarya**
- xi) The kingdom 'Fungi' was introduced by
- (1) Copeland (2) Haeckel (3) Carl Woese **(4) R. H. Whittaker**
- xii) Which of the following criteria was used to separate 'Protista' in the three- kingdom classification?
- (1) Prokaryotic cell **(2) Unicellular organism** (3) Mode of reproduction (4) Nutrition
- xiii) In four kingdom classification, fungi were classified under
- (1) **Plantae** (2) Animalia (3) Monera (4) Protista
- xiv) Which of the following evidences were used in the Phenetic classification?
- (1) Cytotaxonomy (2) Chemotaxonomy (3) Numerical taxonomy **(4) All of these**
- xv) The type of classification in which the genetic relationship is analysed is
- (1) Artificial (2) Natural **(3) Phylogenetic** (4) Phenetic

Manjaree Guha