



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Biological Sciences

Class: XI Date: 16.06.2020

Ch-1- Science of Life (Types and Significance of Biodiversity) FM: 15

WORKSHEET – 2

(1x15=15)

- i) The total number of known and described species varies from
(1) 1-1.2 million (2) 1.3- 1.5 million (3) 1.7-1.8 million (4) 3-4 million
- ii) The term 'biodiversity' was first coined by-
(1) Weismann (2) William Harvey (3) John Cairns (4) Walter Rosen
- iii) The approximate percentage of animate on the Earth is
(1) 30% (2) 40% (3) 70% (4) 80%
- iv) Which of the following come under the term 'biodiversity'?
(1) Methods of reproduction of organisms (2) Various corals in a coral island
(3) The flowers of different colours in a garden (4) All of these
- v) The genes and their alleles present in an organism will constitute-
(1) Genetic variation (2) Species diversity (3) Ecosystem diversity (4) All of them
- vi) The number of species per unit area is called
(1) Species richness (2) Population (3) Ecosystem (4) All of these
- vii) The origin of new species depends on
(1) Species diversity (2) Species richness (3) Genetic variation (4) Ecosystem diversity
- viii) A lot of competitions are observed among the members in
(1) Alpha diversity (2) Beta diversity (3) Gamma diversity (4) All of these
- ix) The diversity between communities is also called -
(1) Alpha diversity (2) Beta diversity (3) Gamma diversity (4) None of these
- x) The variety of habitats of organisms in a large geographical area is
(1) Alpha diversity (2) Beta diversity (3) Gamma diversity (4) None of these
- xi) The loss or extinction of any living organism leads to
(1) Disturbance in food chain (2) Loss of biodiversity (3) Antagonistic to the existence of life forms
(4) All of these
- xii) Which of the following is used in PCR (Polymerase Chain Reaction) technique?
(1) *Escherichia coli* (2) *Bacillus thuringiensis* (3) *Thermus aquaticus*
(4) *Streptococcus sp.*
- xiii) Which of the following is used for production of transgenic organisms?
(1) Gene pool (2) Chromosomes (3) Germplasm (4) Cytoplasm
- xiv) Gamma diversity consists of
(1) Alpha diversity (2) Beta diversity (3) Both (1) and (2) (4) None of these
- xv) Which of the following is a measure of the biodiversity?
(1) Species diversity (2) Genetic diversity (3) Ecosystem diversity (4) None of these

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