



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Biological Sciences

Class: XI

Date: 20.06.2020

(Unit -I) Ch-2- Species Concept

FM: 15

WORKSHEET – 6(ANSWERS)

(1x15=15)

- i) 'Species was considered as the unit of classification by-
(1) Simpson (2) **Carolus Linnaeus** (3) Mayr (4) Bentham
- ii) The population groups which are phenotypically dissimilar but not reproductively isolated are-
(1) Sibling species (2) **Sub – species** (3) Monotypic species (4) Genus
- iii) *Drosophila persimilis* and *Drosophila pseudobscura* are
(1) **Sibling species** (2) Monotypic species (3) Sub – species (4) Forma
- iv) Which of the following is incorrect about sibling species?
(1) Morphologically similar (2) Cannot interbreed (3) Sympatric (4) **Support morphological species concept**
- v) The Biological species concept was proposed by
(1) Simpson (2) Pliny (3) **Mayr** (4) Carolus Linnaeus
- vi) The Biological Species concept does not apply to
(1) Extinct organisms (2) Asexually reproducing organisms (3) Species at different time period (4) **All of these**
- vii) Which of the following concepts takes species as a dynamic entity?
(1) Morphological Species Concept (2) **Biological Species Concept**
(3) Evolutionary Species Concept (4) All of these
- viii) One example of monotypic species is
(1) Sparrows (2) Lions (3) Parrots (4) **Hyacinth Macaw**
- ix) Variable population capable of interbreeding is called-
(1) Sub- species (2) Deme (3) **Cline** (4) Sibling species
- x) Which of the following is considered as the smallest species population?
(1) Sub-species (2) Sibling Species (3) **Deme** (4) Cline
- xi) When two species survive in the same geographical area it is called
(1) **Sympatric** (2) Allopatric (3) Synchronic species (4) Parapatric species
- xii) The evolutionary species concept was proposed by
(1) Mayr (2) Pliny (3) Carolus Linnaeus (4) **Simpson**
- xiii) The group of people who considered that species is an imaginary entity was called-
(1) Taxonomist (2) **Nominalist** (3) Botanist (4) Zoologist
- xiv) Which of the following can be considered as a geographic race?
(1) Species (2) **Sub-species** (3) Sibling species (4) None of these
- xv) Species belonging to different time periods are called -
(1) Synchronic species (2) Allopatric species (3) Parapatric species (4) **Allochronic species**

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