



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Biological Sciences

Class: XI Date: 04.07.2020

Lichens and Viruses

F.M:15

WORKSHEET – 18 (Answers)

(1x15=15)

- i) The scientific name of reindeer moss is
(1) ***Cladonia rangifer*** (2) *Parmelia saxatilis* (3) *Cetraria* (4) *Everina*
- ii) The female sex organs in ascolichens is
(1) Oogonium (2) Spermatogonium (3) **Carpogonium** (4) Antheridium
- iii) The result of sexual reproduction in basidiolichens is-
(1) Ascospore (2) Zygosporangium (3) Zygote (4) **Basidiospore**
- iv) Which of the following is not a unit of asexual reproduction in lichens?
(1) Isidia (2) Soredia (3) **Chlamydospore** (4) Pycniospore
- v) Which of the following has algal cells surrounded by fungal hyphae?
(1) Isidia (2) Soredia (3) Pycniospore (4) **Both (1) and (2)**
- vi) The process by which the older region of the basal part of the lichen thallus dies causing separation of some parts and each one grows into new thallus is called
(1) Regeneration (2) Fragmentation (3) **Progressive death and decay** (4) Fission
- vii) Which of the following has an equal distribution of algal cells in the thallus?
(1) *Parmelia* (2) *Lecanora* (3) *Xanthoria* (4) **Collema**
- viii) Which of the following is pioneer in xerosere?
(1) Moss (2) Herbs (3) Trees (4) **Lichens**
- ix) A single infective virus particle is called -
(1) **Virion** (2) Prions (3) Bacteriophage (4) Viroid
- x) Viruses are killed on exposure to-
(1) X-ray (2) Gamma Ray (3) Infrared Ray (4) **UV ray**
- xi) Tobacco Mosaic Virus (TMV) is
(1) Spheroidal (2) **Rod-shaped** (3) Cuboidal (4) Spermatozoidal
- xii) Which of the symmetrical forms have icosahedral head and helical tail?
(1) Helical (2) Icosahedral (3) **Binal** (4) None of these
- xiii) Influenza viruses are
(1) Phytovirinae (2) **Zoovirinae** (3) Phagovirinae (4) None of these
- xiv) The protein subunits making up the envelope are called-
(1) Capsomeres (2) Pentamers (3) Hexamers (4) **Pelomeres**
- xv) The genetic material in Reo virus is-
(1) ds DNA (2) ss DNA (3) ss RNA (4) **ds RNA**

Manjaree Guha