



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Biological Sciences Class: XI Date: 13.07.2020

Plant Kingdom: Pteridophyta F.M:15

WORKSHEET – 23(Answers)

(1x15=15)

- i) Which of the following is obtained from bryophytes?
(1) Chlorellin (2) **Sphagnol** (3) Agar (4) Algin
- ii) Which of the following organisms is used in the treatment of lung infections?
(1) *Sphagnum* (2) *Funaria* (3) **Marchantia** (4) *Anthoceros*
- iii) The leaves that develop with the smaller spores are called -
(1) Megasporophyll (2) **Microsporophyll** (3) Microphyll (4) Megaphyll
- iv) Which of the following is not heterosporous?
(1) *Selaginella* (2) *Marsilea* (3) **Lycopodium** (4) All of these
- v) The brown scales which are present on the rhizome are called-
(1) Cilia (2) **Ramenta** (3) Rachis (4) None of them
- vi) In which of the following organisms the main plant body is sporophyte?
(1) *Riccia* (2) *Spirogyra* (3) **Dryopteris** (4) *Funaria*
- vii) Which of the following can be commonly grown as a garden plant?
(1) *Equisetum* (2) *Azolla* (3) **Selaginella** (4) *Pteris*
- viii) Spores in *Pteris* are
(1) Polyploid (2) **Haploid** (3) Diploid (4) Hexaploid
- ix) Sori are clusters of
(1) Antheridium (2) Archegonium (3) **Sporangium** (4) None of these
- x) Protonema is-
(1) Diploid (2) **Haploid** (3) Polyploid (4) Hexaploid
- xi) Which of the following are vascular cryptogams?
(1) Bryophyte (2) **Pteridophyte** (3) Gymnosperms (4) Angiosperms
- xii) The similarities of bryophytes and pteridophytes lie in their structure of
(1) Sporophyte (2) Gametophyte (3) **Sex organs** (4) All of these
- xiii) In which of the following fertilization takes place in presence of water?
(1) *Selaginella* (2) *Equisetum* (3) *Riccia* (4) **All of these**
- xiv) Which component of vascular bundle is absent in pteridophytes?
(1) Xylem parenchyma (2) **Sieve tubes** (3) Tracheids (4) Sieve cells
- xv) Sporophylls in pteridophytes aggregate to form-
(1) **Strobili** (2) Ramenta (3) Sporangium (4) Sori

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