



# ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Biological Sciences Class: XI Date: 09.07.2020

## Plant Kingdom: Thallophyta (Chlorophyta) and Bryophyta F.M:15

### WORKSHEET – 21

(1x15=15)

- i) Which of the following is freshwater green algae?  
(1) *Oedogonium* (2) *Ulothrix* (3) *Chlamydomonas* (4) *Caulerpa*
- ii) Which of the following is not an accessory pigment of green algae?  
(1) Zeaxanthin (2) Fucoxanthin (3) Neoxanthin (4) Antheraxanthin
- iii) Reserve food in Chlorophyta is  
(1) Starch (2) Laminarin (3) Mannitol (4) Floridean starch
- iv) Which antibiotic is obtained from Chlorophyta?  
(1) Fucoidan (2) Chlorellin (3) Sodium laminarin sulphate  
(4) None of these
- v) An alga rich in protein is-  
(1) *Chlorella* (2) *Spirogyra* (3) *Nostoc* (4) *Ulothrix*
- vi) The life cycle of algae such as *Spirogyra* is  
(1) Diplontic (2) Haplontic (3) Haplo-diplontic (4) Diplo-haplontic
- vii) An algae which can be used as food for human is  
(1) *Polysiphonia* (2) *Ulothrix* (3) *Monostroma* (4) *Spirogyra*
- viii) Which of the following is an example of chlorophyllous thallophyte?  
(1) *Spirogyra* (2) *Gnetum* (3) *Volvariella* (4) *Nephrolepis*
- ix) The leaf-like structure of bryophytes is?  
(1) Cauloid (2) Phylloid (3) Rhizoid (4) None of these
- x) The main plant body in bryophytes is  
(1) Gametophytic (2) Sporophytic (3) Both (1) and (2) (4) None of these
- xi) The algae used in sewage disposal is  
(1) *Euglena* (2) *Volvox* (3) *Chlamydomonas* (4) *Ulva*
- xii) The sporophyte of bryophyte has-  
(1) Foot (2) Seta (3) Capsule (4) All of these
- xiii) The spores produced by the sporophyte are  
(1) Haploid (2) Diploid (3) Triploid (4) Tetraploid
- xiv) The flask shaped part in bryophytes is  
(1) Antheridium (2) Archegonia (3) Thallus (4) Rhizoids
- xv) The sexual reproduction in bryophytes has a small motile antherozoid and large non-motile ovum. So, it is-  
(1) Isogamous (2) Oogamous (3) Anisogamous (4) None of these

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