



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Biological Sciences

Class: XI Date: 18.07.2020

Plant Kingdom: Angiosperms (Part-I) F.M:15

WORKSHEET – 25

(1x15=15)

- i) In the roots of the angiosperms, the vascular bundles are-
- (1) Radial (2) Exarch (3) Both (1) and (2) (4) Endarch
- ii) Pollination in angiosperms take place with the help of
- (1) Air (2) Water (3) Birds (4) All of these
- iii) In which of the following organisms, archegonia is not formed in female gametophyte?
- (1) *Riccia* (2) *Dryopteris* (3) *Hibiscus* (4) *Marchantia*
- iv) The ploidy level of the endosperm in angiosperms is
- (1) Diploid (2) Haploid (3) Tetraploid (4) Triploid
- v) In *Arabidopsis thaliana*, seeds are -
- (1) Endospermic (2) Non-endospermic (3) Both (1) and (2) (4) Absent
- vi) In angiosperms, microsporophylls are modified to
- (1) Stamen (2) Carpel (3) Anther (4) Filament
- vii) Which of the following parts of pollen gives rise to the male gamete?
- (1) Exine (2) Intine (3) Vegetative cell (4) Generative cell
- viii) The number of megaspores that mature are
- (1) One (2) Two (3) Three (4) Four
- ix) Angiosperms generally do not have
- (1) Companion cells (2) Xylem vessels (3) Tap roots (4) Strobili
- x) In angiosperms, the functional megaspores develop into-
- (1) Ovule (2) Embryo sac (3) Pollen sac (4) Endosperm
- xi) Male gametophyte with least number of cells is present
- (1) *Pinus* (2) *Pteris* (3) *Funaria* (4) *Lilium*
- xii) Angiosperms differ from gymnosperms in having-
- (1) Large vessels (2) Seeds (3) Covered seeds (4) Tap roots
- xiii) Largest ovules, trees and gametes are found in-
- (1) Dicots (2) Monocots (3) Both (1) and (2) (4) Gymnosperms
- xiv) Which structure is found in angiosperms but not in gymnosperms?
- (1) Stigma (2) Pollen tube (3) Ovule integument (4) Carpel
- xv) An advanced character of angiosperm -
- (1) Double fertilization (2) Pollen tube (3) Fruit formation (4) None of them

Manjaree Guha