

V.P.and R.P.T.P.Science College
Internal Test-2017
5th – Semester
BOTANY- US05CBOT01



Date-3/10/2017
Tuesday

Time-11.00 a.m.-12.30 p.m.
Marks-25

Q-1 Multiple choice questions. (03)

(i) Alginates are found in the cell-wall of:

(a) blue-green algae (b) brown algae (c) green algae (d) red algae

(ii) Which one of the following bryophyte is commonly known as peat moss?

(a) *Riccia* (b) *Sphagnum* (c) *Pellia* (d) *Marchantia*

(iii) Lang(1896) induced apogamy in:

(a) club-mosses (b) ferns (c) mosses (d) algae

Q-2 Give answers of the following (any two). (04)

(i) Discuss any two pigments in algae.

(ii) Briefly mention the contributions of Prof. Ram Udar.

(iii) Draw a section of pinnule of *Dryopteris* through sorus.

Q-3 Write about the thallus structure of algae. (06)

OR

Q-3 Write an essay on the economic importance of algae. (06)

Q-4 Describe vegetative reproduction in bryophyte. (06)

OR

Q-4 Give the uses of *Sphagnum* and the peat. (06)

Q-5 Describe the various factors that regulate apogamous development of sporophytes. (06)

OR

Q-5 Write briefly an account of heterospory. (06)