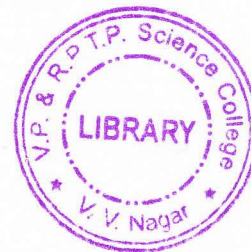


V.P.& R.P.T.P.SCIENCE COLLEGE
INTERNAL TEST
B.Sc. IV Semester
US04CBOT01
BOTANY



Date-14/03/2015
Saturday

Time-10.30-12.00 noon
Marks-25

Q-1 Multiple Choice Questions. (03)

- (1) Protonema is found in:
(a) Riccia (b) Pellia (c) Marchantia (d) Pogonatum
- (2) Which is the water fern?
(a) Equisetum (b) Lycopodium (c) Selaginella (d) Marsilea
- (3) Which one of the following is not a cause of forest degradation?
(a) Forest fires (b) Tree felling (c) Overgrazing (d) Urban forestry

Q-2 Answer in short (any two). (04)

- (1) Name the protective layers of sporophyte of Marchantia.
- (2) Write the structure of sporocarp of Marsilea.
- (3) Write the procedure for environmental impact assessment.

Q-3 (a) Describe the internal structure of Notothylus thallus. (03)

(b) Write about post fertilization changes of Marchantia. (03)

OR

Q-3 Describe the thallus structure and reproduction in Pogonatum. (06)

Q-4(a) Describe the spore producing structure of Psilotum. (03)

(b) Describe the arrangement and structure of leaf in Isoetes. (03)

OR

Q-4 Give an account of sexual reproduction in Selaginella. (06)

Q-5 Give brief account on- environmental challenges in India. (06)

OR

Q-5 Describe causes of forest degradation. (06)

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