

V.P. & R.P.T.P.SCIENCE COLLEGE
INTERNAL TEST
B.Sc. IVth SEMESTER
BOTANY US04CBOT01

DATE- 12/03/2014
DAY- Wednesday

MARKS-30
TIME-1.00-2.30 p.m.

Q-1 Answer the following (any three).

(05)

- (i) Name the protective layers of sporophyte of Marchantia.
- (ii) Draw internal thallus structure of Notothylus.
- (iii) What is stele?
- (iv) Draw and label external features of Marselia plant.
- (v) Give the botanical name, family and biological source of Vasaka.
- (vi) Define – Organised crude drugs.



Q-2 (a) Write classification of Marchantia and Notothylus.

(04)

(b) Describe structure of sex-organs of Pellia.

(04)

OR

Q-2 (a) Draw a labeled diagram of L.S. of Notothylus mature capsule.

(04)

(b) Explain external morphology of Pogonatum.

(04)

Q-3 Describe internal structure of Pinus needle with the help of diagram.

(08)

OR

Q-3 Give an account of prothallus with sex-organs of Psilotum.

(08)

Q-4 (a) Write about any two methods of artificial drying of crude drugs

(04)

(b) Write a note on harvesting of crude drugs.

(04)

OR

Q-4 (a) Describe the collection method of crude drugs.

(05)

(b) Give botanical name, family and biological sources of Ashwagandha.

(03)