

V.P. and R.P.T.P. Science College

Internal Test-2017

3rd – Semester

BOTANY- US03CBOT02

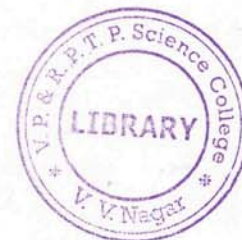
(Anatomy, Taxonomy and Plant Physiology)

Date-9/10/2017

Time-3.00-4.30 p.m.

Monday

Marks-25



Q-1 Multiple choice questions. (03)

(i) Which one is responsible for the growth in diameter?

- (a) Lateral meristem (b) Ground meristem
(c) Intercalary meristem (d) Apical meristem

(ii) Diadelphous stamens is the characteristic of family:

- (a) Asteraceae (b) Papilionaceae (c) Rubiaceae (d) Liliaceae

(iii) Teak wood is obtained from:

- (a) *Thuja* (b) *Tamarind* (c) *Tectona grandis* (d) *Terminalia*

Q-2 Answer the following (any two). (04)

(i) Write the characteristics of Parenchyma.

(ii) Describe floral characters of Annonaceae family.

(iii) What is the nutritional value of pulses? Mention two important pulse crops of India.

Q-3 Write the general characteristics and types of Sclerenchyma. (06)

OR

Q-3 Write the structure and functions of Xylem. (06)

Q-4 Write the general characters of family Rubiaceae. (06)

OR

Q-4 Describe the general characters of family Euphorbiaceae. (06)

Q-5 Write botanical names and families to which these plants belong: (06)

- (i) Wheat (ii) Green gram (iii) Cotton

OR

Q-5 Name the timber yielding plant. Describe any one. (06)