

V.P.& R.P.T.P.SCIENCE COLLEGE
INTERNAL TEST
B.Sc. IV Semester
US04EBOT01
BOTANY



Date-14/03/2015

Saturday

N.B.Draw neat and labelled diagrams wherever necessary.

Time-10.30- 11.30a.m.

Marks-25

Q-1 Multiple Choice Question.

(03)

(1) Air spaces are found in:

(a) Parenchyma (b) Aerenchyma (c) Chlorenchyma (d) Xylem

(2) Inferior ovary is present in :

(a) Rubiaceae (b) Labiatae (c) Mimosaceae (d) in all the above

(3) Wilting of plants result from excessive:

(a) Respiration (b) Absorption (c) Transpiration (d) Photosynthesis

Q-2 Answer in short (any two).

(04)

(1) What are complex tissues? Give examples.

(2) Describe the flower of Papilionaceae in botanical terms.

(3) Give the functions and deficiency symptoms of Nitrogen.

Q-3 Describe the important tracheary element found in angiospermic plant body.

(06)

OR

Q-3 (a) Write the functions of Parenchyma.

(03)

(b) Differentiate between fibre and tracheid.

(03)

Q-4 Explain identifying characteristics of family Brassicaceae with suitable examples and their economic importance.

(06)

OR

Q-4 (a) Write a note on biological concept of species.

(03)

(b) Describe the main floral characters of family Rubiaceae.

(03)

Q-5 Explain noncyclic photophosphorylation.

(06)

OR

Q-5 Write an essay on photoperiodism.

(06)

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