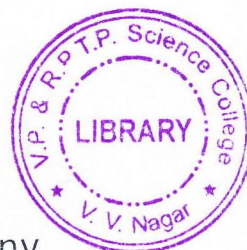


V.P. and R .P. T. P. Science College
First internal test in Botany, 2014



Class: S.Y.,B.Sc.

Day: Monday

Date: 13.10.2014

Subject: Botany

Course: US03CBOT02

Time: 2 to 3.30 pm.

Marks: 25

Q.1. Multiple choice questions (answer all): (03)

(a) **Which of the following tissue type in the plant gives rise to Other three types of tissues?**

- | | |
|----------------------|----------------------|
| (i) Epidermal tissue | (ii) Ground tissue |
| (iii) Meristem | (iv) Vascular tissue |

(b) **If two individual plants are capable of free gene exchange under normal condition, then these two individuals are called?**

- | | |
|--------------------------|--------------------|
| (i) Ecological species | (ii) Species |
| (iii) Biological species | (iv) None of these |

(c) **Loss of water in the form of vapour through the aerial parts of the plants is?**

- | | |
|-------------------|-------------------|
| (i) Transpiration | (ii) Guttation |
| (iii) Evaporation | (iv) Perspiration |

Q.2. Short answer questions. Attempt any two. (04)

- (i) Define guttation.
- (ii) Characteristics of Collenchyma.
- (iii) Describe Disc-florets.

Q.3. Describe the structure and function of Phloem. (06)

OR

Q.3. Show your acquaintance with the tissue Parenchyma. (06)

Q.4. Describe the characters of the family Annonaceae. (06)

OR

Q.4. Show that you have read and understood a Legume Family. (06)

Q.5. What is dormancy? Describe it's type ,and methods to Break it. (06)

OR

Q.6. What is transpiration? Describe it's type and mechanism of (06)