V.P. & R.P.T.P. Science College
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V P and R P T P Science College
First internal test ,2016
Subject: BOTANY

Answer questions in your own words as far as practicable

Course: US03CBOT02
Marks: 25

Day: Wednesday
Date: 5.10.2016
Time: 3 -4.30 pm

Q.1. Answer all questions. (03)

(i) Which cell is enucleate though functional?

(a) Sieve tube (b) Sieve tube -member (c) Both (d) Companion cell

(ii) Which is the most appropriate for the corolla in Pea flower?

(a) Valvate (b) Twisted (c) Imbricate (d) Vexillary

(iii) Why Tea leaves are subjected to fermentation?

(a) To impart aroma (b) To blacken the leaves

(c) To reduce the moisture (d) All of these

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

(i) State the functions of Parenchyma.

(ii) Why biological species concept is not applicable to *Gloeotrichia* and *Scytonema*.

(iii) State the importance of fibres in our day to day life.

Q.3. Give an illustrative account of the structure of sieve element. (06)

OR

Q.3. Write short notes on: (a) Collenchyma (b) Companion cell (06)

Q.4. How will you identify a plant belonging to Annonaceae. (06)

OR

Q.4. Describe the disk floret. (06)

Q.5. Describe the areas of cultivation and method of harvest of Tea. (06)

OR

Q.5. (i) Why Maize is superior to Rice as food? (03)

(ii) Coffee as a refreshing drink! Critically evaluate. (03)

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