V.P. &R.P.T.P.SCIENCE COLLEGE

B. Sc. (Sem-3) Examination(Botany)

Paper: US03CBOT22   **Total Marks-25**   **Date:09/10/19**   **Internal Theory Exam**

QUE-1(MCQ)   05

1 . Intercellular spaces is absent in :
(a)Parenchyma (b)Chlorenchyma (c) Aerenchyma (d) Meristem cells

2. Plant hormones are also known as:
(a) Growth factors   (b) Growth regulators   (c) Phytohormones   (d) All of these

3. The pigment that control flowering is known as:
(a)Phytochrome   (b) Cytochrome   (c) Chlorophyll (d) None of these

4. Bioinformatics is a multidisciplinary subject.Pick the odd one from the following:
(a)Biology (b)Information technology (c)Maths (d)Geology

5.Which one of the following are known as database?
(a)SWISS-PROT(b)EMBL(c)none (d)All

Que-2 What is plant anatomy?Discuss about its scope in detail.   05
                                      OR
Que-2What is meristem?Write its classification and cytological characters.   05

Que-3 Write an essay on Photoperiodism.   05
                                      OR
Que-3What are phytohormones?List all and describe physiological applications of any one which u have
studied in the class.   05

Que-4 Explain : General characters and economic importance of Myrtaceae.   05
                                      OR
Que-4 Explain : General characters and economic importance Rubiaceae.   05

Que-5 Write an essay on different branches of bioinformatics.   05
                                      OR
Que-5 Write in detail about biological database.   05

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