M.Sc. (Botany) (C.B.C.S. Pattern) Sem-IV

PSCBOTT14 - Paper-XIV : Angiosperms-II

P. Pages : 1 **GUG/W/19/11356**

Time : Three Hours * 3 1 7 7 * Max. Marks : 80

Notes : 1. All questions are compulsory and carry equal marks.
2. Illustrate your answers with suitable examples and draw well labelled diagrams wherever necessary.

1. Give an account on the distinguished character of Rosidae. **16**

OR

Write on:

a) Floral variation & evolution in Magnoliaceae. **8**

b) Characters of family Asteraceae. **8**

2. Describe distinguishing characters and floral variation in the family Orchidaceae. **16**

OR

Write on:

a) Floral characters and systematic position of Cucurbitaceae. **8**

b) Salient features of family Cactaceae. **8**

3. Write account on primitive living Angiosperms. **16**

OR

Write on:

a) Global pattern of biodiversity. **8**

b) IUCN categories of threat. **8**

4. What is biodiversity? Explain its role in ecosystem. Function and stability. **16**

OR

Write on:

a) Local plant diversities and its socioeconomic importance. **8**

b) Hotspots and hottest hotspots. **8**

5. Write short notes on

a) Salient features of family Saxifragaceae. **4**

b) Economic importance of family Palmae. **4**

c) Ancestors of Angiosperms. **4**

d) Endemism. **4**

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