

M.Sc.(Botany) New CBCS Pattern Semester-IV
PSCBOTT14 - Paper-XIV : Angiosperms-II

P. Pages : 1

Time : Three Hours



GUG/W/23/11356

Max. Marks : 80

- Notes : 1. All questions are compulsory and carry equal marks.
2. Draw well labelled diagrams and give suitable examples wherever necessary

1. Describe in detail diagnostic characters, reproductive variation and affinities of Asteridae. **16**

OR

Write on:

- a) Floral variation of Hamamelidae. **8**
b) Floral characters of Magnoliidae. **8**

2. Give general account, distinguished characters, floral variation and evolution, affinities of Liliidae. **16**

OR

Write on:

- a) Interesting Characteristic feature of Cucurbitaceae. **8**
b) Floral Character of Commelinidae. **8**

3. Give detail probable ancestors of angiosperms and add a note on primitive living angiosperms. **16**

OR

Write on:

- a) IUCN categories of threat. **8**
b) Global pattern of Biodiversity. **8**

4. What is a biological diversity? Describe in details its role in ecosystem functions and stability. **16**

OR

Write on:

- a) Socioeconomic importance of local plant diversity. **8**
b) Endemism. **8**

5. Write short notes on:

- a) Distinguished characters of Rosidae. **4**
b) Floral characters of Palmae. **4**
c) Speciation. **4**
d) Hottest Hotspots. **4**
