

M.Sc.(Botany) (CBCS Pattern) Fourth Semester CBCS
Course Code PSCBOTT14 - Paper-XIV: Angiosperms-II

P. Pages : 1

Time : Three Hours



GUG/W/18/11356

Max. Marks : 80

1. Give distinguishing characteristics of Rosidae and Asteridae with special reference to floral variations. **16**

OR

Write note on:

- a) Evolutionary trend amongst Magnolidae. **8**
b) Floral variations amongst Dilleniidae. **8**

2. Write an essay on interesting features and systematic position of Cucurbitaceae and Orchidaceae. **16**

OR

Write note on:

- a) Identifying characteristics of Aracidae. **8**
b) Floral variations and evolutionary trend of Lillidae. **8**

3. Give detail account on IUCN categories of threat, distribution and global pattern of Biodiversity. **16**

OR

Write note on:

- a) Extinction. **8**
b) Probable ancestors of Angiosperms. **8**

4. Define Biological diversity. What are Hotspots and hottest hotspots? Describe in brief citing suitable examples. **16**

OR

Write note on:

- a) Role of diversity in ecosystem functions and stability. **8**
b) Invasion and Introduction. **8**

5. Write short note on:

- a) Arthur Cronquist. **4**
b) Palmae. **4**
c) Speciation. **4**
d) Endemism. **4**
