

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

P. Pages : 1

Time : Three Hours



GUG/W/24/11356

Max. Marks : 80

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- Notes : 1. All questions are compulsory & carry equal marks.
2. Illustrate your answers with suitable diagram and examples.

1. Write about distinguished characters, floral variation, evolution & affinities Asteridae and Rosidae. **16**

OR

Write notes on-

- a) Floral variation and evolution in Dilleniidae **8**
b) Distinguishing character of Magnoliidae. **8**

2. Write about interesting features and systematic position of Cucurbitaceae and Cactaceae. **16**

OR

Write notes on-

- a) Distinguishing characters of Alismatidae. **8**
b) Floral variation and evolution in Lilidae. **8**

3. Write in detail about probable ancestors of angiosperms. **16**

OR

Write notes on-

- a) Speciation and extinction. **8**
b) Distribution and global pattern of biodiversity. **8**

4. Write about local plant diversities and its socio-economic importance. **16**

OR

Write on-

- a) Hotspots and hottest hotspots. **8**
b) Invasions and introductions. **8**

5. Write short notes on- **16**

- a) Distinguishing characters of Hamamelidae.
b) Interesting features of Palmae
c) Primitive living angiosperms.
d) Endemism.
