

M.Sc.(Botany) (CBCS Pattern) Semester - II
PSCBOTT08 - Paper-VIII : Angiosperms-I

P. Pages : 1

Time : Three Hours



GUG/S/23/11198

Max. Marks : 80

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

1. Write an essay on diversity, origin and evolution stamens and carpels in Angiosperms. **16**

OR

Write note on:

- a) Flower Symmetry. **8**
b) Floral adaptations for insect pollinators. **8**

2. Explain in detail aims, principles and scope of Angiosperm Taxonomy. **16**

OR

Write note on:

- a) Bentham Hand Hooker's system of classification. **8**
b) Taxonomic characters. **8**

3. Discuss in brief Morphological & Anatomical Evidences used in Angiosperm Classification. **16**

OR

Write note on:

- a) Floras and Monographs as Taxonomic Tools. **8**
b) Computers and GIS as Taxonomic Tools. **8**

4. Describe in detail salient features of ICBN for Plant Nomenclature. **16**

OR

Write notes on:

- a) Cladistic in Taxonomy. **8**
b) Methods of Biosystematics studies. **8**

5. Write short note on.

- a) Placentation Types. **4**
b) Concept of Species. **4**
c) Herbarium. **4**
d) Monophyly and Polyphyly. **4**
