

M.Sc.(Botany) (NEP Pattern) Semester-II
02MSCB-3 - DSC Paper-III - Angiosperms-I

P. Pages : 1

Time : Three Hours



GUG/W/24/15343

Max. Marks : 80

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

- 1.** Describe about structure diversity and symmetry of flowers in angiosperms. **16**
OR
Write notes on:
a) Seed types and their structures. **8**
b) Floral adaptations for hydrophily and anemophily **8**
- 2.** Describe details about taxonomic hierarchy. **16**
OR
Write notes on:
a) Bentham and Hooker system. **8**
b) Scope, aim and principles of plant taxonomy. **8**
- 3.** Discuss in brief taxonomic tools used in angiosperm studies. **16**
OR
Write notes on:
a) Cytology as taxonomic evidence. **8**
b) Botanical garden. **8**
- 4.** Describe aims, objectives and principles of numerical taxonomy. **16**
OR
Write notes on:
a) Biosystematics categories. **8**
b) Salient features of ICBN. **8**
- 5.** Write short notes on:
a) Placentation. **4**
b) Contribution of Theophrastus. **4**
c) GIS. **4**
d) Polarity of characters. **4**
