

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

P. Pages : 1

Time : Three Hours



GUG/S/25/15343

Max. Marks : 80

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

1. Explain in detail Types of Inflorescence and its importance. **16**

OR

- a) Placentation. **8**
b) Types of fruits. **8**

2. Explain in detail Natural system of plant classification & give its merits & demerits. **16**

OR

- a) Concepts of taxa. **8**
b) Quantitative characters in Taxonomy. **8**

3. Palynology as a taxonomic evidence. **16**

OR

- a) Botanical gardens. **8**
b) Herbarium. **8**

4. Principles, aims and objectives of numerical taxonomy. **16**

OR

- a) Biosystematics categories. **8**
b) Salient features of ICBN. **8**

5. Write short notes on:

- a) Floral symmetry. **4**
b) Species concept. **4**
c) Monographs. **4**
d) Phenotypic plasticity. **4**
