

B.Sc. (CBCS Pattern) Sem-II
012B - Botany Paper-II : Taxonomy & Diversity of Angiosperms-II

P. Pages : 2

Time : Three Hours



GUG/W/22/11573

Max. Marks : 50

1. Write notes on: **10**
- a) Bennettitalean Theory
 - b) Botanical Nomenclature Principles.

OR

- Write short notes on **10**
- c) Enigmocarpon.
 - d) Sahianthus flower.
 - e) Primitive Angiosperm (Magnolia)
 - f) Taxonomic Ranks

2. Write notes on: - **10**
- a) Outline of Bentham and Hooker's System
 - b) Classical Herbarium.

OR

- Write short notes on **10**
- c) Natural system of classification
 - d) Linnaeu's system of classification
 - e) Virtual Herbarium
 - f) Indian Botanical Garden, Kolkata

3. Write notes on: **10**
- a) Describe the morphological characters of family Solanaceae.
 - b) Describe the reproductive morphology of family Malvaceae.

OR

Write short notes on: **10**

- c) Economic importance of Fabaceae.
- d) Reproductive characters of Brassicaceae
- e) Floral formula and Floral diagram of Fabaceae
- f) Economic importance of Solanaceae

4. Write notes on: **10**

- a) Reproductive characters and Floral diagram of family Asclepiadaceae.
- b) Vegetative characters of Asteraceae.

OR

Write short notes on **10**

- c) Economic importance of poaceae
- d) Reproductive characters of Allium cepa
- e) Economic importance of Asteraceae
- f) Economic importance of Liliaceae.

5. Write on the following in two to three lines **any ten** (diagrams are not necessary) **10**

- a) Palynology
- b) Holotype
- c) Neotype
- d) Taxonomy
- e) Theophrastus
- f) Cryptogamia
- g) Persistent calyx
- h) Cruciferous Corolla
- i) Hypogynous
- j) Pollinia
- k) Rayflorest
- l) Pappus
