

B.Sc. (CBCS Pattern) Semester - II  
**012B - Botany-II (Taxonomy & Diversity of Angiosperms)**

P. Pages : 2

Time : Three Hours



**GUG/S/23/11573**

Max. Marks : 50

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

**1. Write on: 10**

- a) Bennettitalian theory
- b) Write in detail about Typification

**OR**

Write short note on:

- c) Enigmocarpon
- d) Taxonomic ranks
- e) Primitive characters of Magnolia
- f) Taxonomic evidences form palynology

**2. Write on: 10**

- a) Types of classification of Angiosperms.
- b) Bentham & Hooker system of classification.

**OR**

Write short note on:

- c) Rules of binomial nomenclature.
- d) Botanical gardens.
- e) Digital herbarium
- f) Theophrastus system

**3. Write on: 10**

- a) Reproductive characters and Floral diagram of Malvaceae.
- b) Reproductive characters of Fabaceae.

**OR**

Write short note on:

- c) Floral diagram of Datura
- d) Economic importance of Brassiaceae.
- e) Economic importance of fabaceae
- f) Floral diagram of Brassica.

4. Write on: 10

- a) Reproductive characters of family Asteraceae.
- b) Vegetative and reproductive characters of family lilliaceae.

**OR**

- c) Economic importance of Poaceae.
- d) Floral diagram of Calotropis.
- e) Vegetative characters of family Poaceae.
- f) Economic importance of family Assdepiattacca.

5. Write answer in two or three lines only (diagrams not necessary) 10

- a) Sahanianthus
- b) Taxonomy
- c) Numerical taxonomy
- d) Genera Plantaram
- e) Herbarium
- f) Monandria
- g) Tetradynamous
- h) Epicalyx
- i) Persistent calyx
- j) Spikelet
- k) Pollinia
- l) Disc floret

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