

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

P. Pages : 2

Time : Three Hours



**GUG/W/23/11573**

Max. Marks : 50

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

1. a) Write in detail about Typification. 5  
b) Write in detail about Bennettitalean theory. 5

**OR**

Write shorts notes on:

- c) Sahnianthus. 2½  
d) Primitive characters of Magnolia. 2½  
e) Numerical taxonomy. 2½  
f) Taxonomic Ranks. 2½
2. a) Write in detail about Bentham and Hooker system of classification. 5  
b) Write in detail about Binomial Nomenclature. 5

**OR**

Write short notes on:

- c) Digital Herbarium. 2½  
d) Botanical Garden. 2½  
e) Types of classification. 2½  
f) Merits and Demerits of Theophrastus's system of classification. 2½
3. a) Write about vegetative and reproductive characters. 5  
b) Write about Vegetative & reproductive character of Fabaceae. 5

**OR**

Write shorts notes on:

- c) Floral diagram of Malvaceae. 2½  
d) Economic importance Brassicaceae. 2½

- e) Floral diagram of datura. 2½
- f) Economic importance of family Fabaceae. 2½
- 4. a) Write about floral formula and floral diagram of family Asteraceae. 5
- b) Write about economic importance of family Poaceae. 5

**OR**

Write short note on:

- c) Flower in Liliaceae. 2½
  - d) Inflorescence in Poaceae. 2½
  - e) Floral diagram of Calotropis. 2½
  - f) Economic importance of Asclepiadaceae. 2½
  - 5. Write in very short **any ten**. 10
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|---------------------------|--------------------|
| a) Species Plantarum.     | b) Isotype.        |
| c) Principle of priority. | d) Monochlamydeae. |
| e) Mounting.              | f) Linnaeus.       |
| g) Lomentum.              | h) Keel.           |
| i) Bicarpellary Ovary.    | j) Tuber.          |
| k) Gynostegium.           | l) Glume.          |

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