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SA—48—2025

FACULTY OF SCIENCE

B.Sc. (First Year) (Second Semester) EXAMINATION

MARCH/APRIL, 2025

(CBCS/New Pattern)

BOTANY

Paper—IV

(Taxonomy of Angiosperms)

(Saturday, 19-4-2025)

Time : 10.00 a.m. to 12.00 noon

Time—2 Hours

Maximum Marks—40

N.B. :- (i) All questions are compulsory.

(ii) Draw neat and well labelled diagrams wherever necessary.

1. Describe salient features of Bentham and Hookers system of classification. Add a note on its merits and demerits. 15

Or

Describe in brief :

- (a) Important Herbaria of India 8
- (b) Typification. 7

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(2)

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2. Describe the vegetative and floral characters of family Lamiaceae. Give its floral formula and floral diagram. 15

Or

Describe in brief :

- (a) Types of placentation 8
- (b) Types of venation. 7
3. Write notes on (any *two*) : 10
- (a) Author citation
- (b) Phylogenetic classification
- (c) Composite fruit
- (d) Floral characters of Fabaceae.