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PA—48—2024

FACULTY OF SCIENCE

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

APRIL/MAY, 2024

(New Pattern)

BOTANY

Paper—IV

(Taxonomy of Angiosperms)

(Thursday, 18-04-2024)

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 Hooker's system of classification.

Add a note on its merits and demerits. 15

Or

Describe in brief :

(a) Binomial nomenclature 8

(b) Botanical gardens in India 7

P.T.O.

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 fruits 7
3. Write notes on (any two) : 10
- (a) Aims of Taxonomy
- (b) Artificial system of classification
- (c) Compound leaf
- (d) Flower of Brassicaceae.