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NA—48—2023

FACULTY OF SCIENCE

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

NOVEMBER/DECEMBER, 2023

(New Pattern)

BOTANY

Paper-IV

(Taxonomy of Angiosperms)

(Tuesday, 12-12-2023)

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. What is Taxonomy ? Give different types of classification with examples. 15

Or

Describe in brief :

(a) Principle and rules of ICN 8

(b) Importance of Herbarium and enlist Botanical gardens in India. 7

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

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(2)

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Or

Describe in brief :

- | | | |
|-----|--|----|
| (a) | Types of fruits | 8 |
| (b) | Structure of typical flower (<i>Hibiscus</i>). | 7 |
| 3. | Write notes on (any <i>two</i>) : | 10 |
| (a) | Aims of Taxonomy | |
| (b) | Taxonomic ranks | |
| (c) | Structure of Stamen | |
| (d) | Flower of Fabaceae. | |

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