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GA—46—2023

FACULTY OF SCIENCE AND TECHNOLOGY

B.Sc. (Fifth Semester) EXAMINATION

APRIL/MAY, 2023

(New CBCS Pattern)

BOTANY

Pape-XIII

(Systematic Botany-I)

(Saturday, 29-4-2023)

Time : 10.00 a.m. to 12.00 noon

Time—Two Hours

Maximum Marks—40

N.B. :— (i) Attempt All questions.

(ii) All questions carry equal marks.

(iii) Draw well labelled diagrams wherever necessary.

1. Describe in detail the artificial system of classification with reference to Linnaeus. 15

Or

Describe in brief :

(1) Merits and demerits of classification system of Robert Thorne. 8

(2) Importance of botanical garden. 7

2. Describe in detail family Malvaceae with reference to general characters, pollination, floral formula, floral diagram, systematic position and economic importance. 15

P.T.O.

Or

Describe in brief :

- (1) Application of taxonomy of Angiosperms. 8
- (2) Floral characters of Cucurbitaceae. 7
3. Write short notes on any *two* of the following : 10
 - (1) Merits and demerits of Bentham and Hooker's system of classification.
 - (2) Importance of Herbarium
 - (3) Economic importance of Papaveraceae
 - (4) Floral characters of Rubiaceae.