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NA—15—2023

FACULTY OF SCIENCE AND TECHNOLOGY

B.Sc. (Third Year) (Sixth Semester) EXAMINATION

NOVEMBER/DECEMBER, 2023

(CBCS/New Pattern)

BOTANY

Paper—XV

(Systematic Botany—II)

(Wednesday, 6-12-2023)

Time : 10.00 a.m. to 12.00 noon

Time—2 Hours

Maximum Marks—40

N.B. :— (i) Attempt all questions.

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

1. Describe in detail general characters of family Cannaceae with floral formula and floral diagram. 15

Or

Describe in brief :

- (a) Role of Anatomy in relation to Taxonomy 8
- (b) Pollen grain of *Hibiscus*. 7
2. Describe in detail general characters of family Cyperaceae with floral formula and floral diagram. 15

P.T.O.

WT

(2)

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Or

Describe in brief :

- (a) Gnetean theory of origin of Angiosperms 8
- (b) Pteridosperm theory of origin of Angiosperms. 7
3. Write short notes on any *two* of the following : 10
- (a) Economic importance of Liliaceae
- (b) Economic importance of Aracaceae
- (c) Concept of Morphological Species
- (d) Place of origin of Angiosperms.

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