

This question paper contains 1 printed page|

SB—56—2022

FACULTY OF SCIENCE AND TECHNOLOGY

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

JUNE/JULY, 2022

(CBCS/Old Pattern)

BOTANY

Paper XIII

(Systematic Botany-I)

(Monday, 13-6-2022)

Time : 10.00 a.m. to 12.30 p.m.

Time—2½ 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 general characters of Combretaceae. 15

Or

Describe in brief :

(i) Types of classification 8

(ii) Merits and demerits of hutchinson's system of classification. 7

2. Describe in detail general characters of Convolvulaceae. 15

Or

Describe in brief :

(i) Typification and author citation. 8

(ii) Pollen grains of Hibiscus. 7

3. Write short notes on any *two* of the following : 10

(i) Artificial classification

(ii) Species concept (Biological)

(iii) Floral formula and diagram of Bignoniaceae

(iv) Floral formula and systematic position of Rutaceae.

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