

This question paper contains 2 printed pages]

W—65—2018

FACULTY OF SCIENCE

B.Sc. (Fifth Semester) EXAMINATION

OCTOBER/NOVEMBER, 2018

(CGPA Pattern)

BOTANY

Paper XIII

[Systematic Botany—I (Optional)]

(Tuesday, 16-10-2018)

Time : 10.00 a.m. to 12.00 noon

Time—2 Hours

Maximum Marks—40

N.B. :— (i) Attempt All questions.

(ii) All questions carry equal marks.

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

1. Describe in detail Engler and Prantl's system of plant classification. 8

Or

Write short notes on :

(a) Scope and application of Taxonomy

(b) Natural system.

2. Describe role of cytology in relation to Taxonomy. 8

Or

Explain in brief :

(a) Valid publication

(b) Author citation.

3. Give in detail important Botanical Gardens. 8

Or

Describe in short :

(a) Use of key

(b) Importance of Herbarium.

P.T.O.

4. Describe in detail, family capparidaceae with its economic importance. 8

Or

Write in brief :

- (a) Floral Morphology of Cucurbitaceae
- (b) Economic importance of Rutaceae.

5. Write short notes on (any *four*) : 8

- (a) Artificial System
- (b) Give any two aims of Taxonomy
- (c) ICBN
- (d) Define Botanical Garden
- (e) Fruit in Papaveraceae
- (f) Carpel in Combretaceae.