

(041410402)

M.Sc. DEGREE EXAMINATION, NOVEMBER 2017

FIRST SEMESTER

Branch - Botany

Paper IV — TAXONOMY OF ANGIOSPERMS

(Old Syllabus)

Max. Marks : 70

Time : 3 Hours

PART - A

Answer any FOUR questions. Each question carries 5 marks.

(Marks : 4×5 marks = 20 marks)

Herbarium.

Dehlgren.

Vienna code.

Clads.

Author citation.

Delimitations of Taxa.

Flower in Centrospermae.

Inflorescence in Glumeflorae.

PART - B

Answer ONE question from each Unit.

(Marks : 4×12.5 marks = 50 marks)

UNIT - I

(a) Compare and contrast the Bentam and Hooker and Engler and Prantle systems of Classification.

Or

(b) Give detailed account on APG systems of classification.

[P.T.O]

UNIT - II

10. (a) Describe the methodology in Herbarium preparation and write about its importance.

Or

- (b) Write about the salient features of ICBN and its significance in plant systematics.

UNIT - III

11. (a) Give an account on valid and effective publications.

Or

- (b) Write about the rules and regulations given for taxa and their ranks.

UNIT - IV

12. (a) Write about economic importance of Centrospermae.

Or

- (b) Give an account on general characters and economic importance of Magnoliales.