

(041430402)

M.Sc. DEGREE EXAMINATION, NOVEMBER 2017

THIRD SEMESTER

Branch — Botany

Paper IV— BIO-DIVERSITY AND CONSERVATION

Time : 3 Hours

Max. Marks : 70

PART - A

Answer any FIVE questions. Each question carries 4 marks.

(Marks : 5 × 4 marks = 20 marks)

1. Types of Biodiversity
2. Palmata
3. Microwaves
4. TCC
5. Plate tectonics
6. Red Data Book
7. Invasion of species
8. Sacred Groves

PART - B

Answer ONE question from each Unit.

(Marks : 4 × 12.5 marks = 50 marks)

UNIT - I

9. (a) Discuss the status of biodiversity in India.

Or

- (b) Write a note on world centres of primary diversity.

UNIT - II

10. (a) What is GIS and mention the role of GIS in identification of natural resources?

Or

- (b) Write an account on remote sensing and its applications

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UNIT - III

11. (a) Write a brief account on Wegner's theory with evidences.

Or

- (b) Describe the role of IUCN in status of plant species.

UNIT - IV

12. (a) Mention the role of international organizations in conservation of biodiversity.

Or

- (b) Give an account *Ex situ* conservation of phytodiversity.
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