

35101 OR

M.Sc. DEGREE EXAMINATION, OCTOBER/NOVEMBER 2019.

THIRD SEMESTER

Zoology

Paper I — ENVIRONMENTAL BIOLOGY

Time : Three hours

Maximum : 75 marks

(No additional sheet will be supplied)

PART A — (5 × 3 = 15 marks)

Answer any FIVE questions.

Each question carries 3 marks.

Each answer should not exceed 1 page.

1. Eutrophication
2. Grass Lands
3. Biomass and Productivity
4. Nitrogen Cycle
5. Green House Effect
6. Biological Monitoring Programmes
7. Environmental Laws
8. Bioremediation.

PART B — (4 × 15 = 60 marks)

www.Answer ALL questions.

Each question carries 15 marks.

Each answer should not exceed 6 pages.

9. Write about the classification and characteristics features of Fresh Water Environment.

Or

10. Enumerate the Principles of characterization of forests.

11. Describe the mechanism of Energy flow patterns in different Ecosystem.

Or

12. Describe the Biogeochemical cycles associated with hydrological and oxygen.

13. Describe the Health hazards and Toxicology effects associated with Water pollution.

Or

14. Write about the Environmental Laws in India. Add a note on legislation.

15. Describe about Bioindicators and add a note on Environmental monitoring.

Or

16. Describe briefly the environmental application of Bioremediation.

