

M.Sc. DEGREE EXAMINATION, OCTOBER/NOVEMBER 2018.

FIRST SEMESTER

Environmental Science

PAPER III: ENVIRONMENTAL ISSUES

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. What is mean by desertification and write the causes of desertification.
2. Write a short note on watershed management.
3. What are the Green House Gases?
4. What are the causes of climate change?.
5. Discuss the Hydrological cycle.
6. What is the role of CO and CO<sub>2</sub> on biosphere?
7. What are hotspots?
8. Explain the term Bio diversity.

PART B — (4 × 15 = 60 marks)

Answer ALL questions.

Each question carries 15 marks.

Each answer should not exceed 6 pages.

9. Discuss the Ozone depletion process and explain its consequences.

Or

10. What is mean by marine pollution? Explain.

11. Explain the importance of River linking projects in India.

Or

12. Discuss the ecological importance of wetlands.

13. What is mean by deforestation? Explain its consequences.

Or

14. What is mean by Carbon credits? Explain the role of forest ecosystem in controlling of carbon emissions.

15. What is mean by GMO's? Explain its importance.

Or

16. What is mean by urbanization? Explain the positive and negative impacts of urbanization.

