

LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034



M.Sc. DEGREE EXAMINATION – ZOOLOGY

THIRD SEMESTER – NOVEMBER 2019

18PZO3MC01 – ENVIRONMENTAL BIOLOGY AND MANAGEMENT

Date: 29-10-2019

Dept. No.

Max. : 100 Marks

Time: 09:00-12:00

PART - A

Answer **ALL** the questions

(10 x 2 = 20)

1. Write a note on food chain and food web.
2. What is ecotone?
3. What are the causes of ecological succession?
4. Comment on carrying capacity.
5. Comment on the role of biological indicators.
6. What is a bio accumulation?
7. What is environmental impact assessment?
8. What are renewable resources?
9. What are bio villages?
10. Mention the role of NGOs in environmental protection.

PART – B

Answer any **FOUR** of the following

(4 x 10 = 40)

11. Give an account of biogeochemical cycles.
12. Describe in detail bio diversity status and management approaches.
13. Classify atmospheric regions and their temperature profile.
14. Briefly explain environmental audit.
15. Give the structure of bio villages and sustainable conservation.
16. Write an essay on process of ecological succession.

PART – C

Answer any **TWO** of the following

(2 x 20 = 40)

17. Write an essay on community ecology.
18. Write a note on disposal of toxic wastes.
19. Describe in detail the application of remote sensing in disaster management.
20. Write an essay on ecological importance of forest, different acts and conservation.
