

LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034



B.Sc. DEGREE EXAMINATION – ADVANCED ZOOLOGY AND BIOTECHNOLOGY

FOURTH SEMESTER – APRIL 2018

16UZO4MC01– ENVIRONMENTAL BIOLOGY

Date: 20-04-2018

Dept. No.

Max. : 100 Marks

Time: 09:00-12:00

PART-A

Answer ALL questions:

(10 × 2 = 20 marks)

1. What is food web?
2. Define Natality.
3. Comment on Biomarkers.
4. What is energy audit?
5. Comment on NGOs.
6. What is ecological niche?
7. Define density indices.
8. What is acid rain?
9. What is meant by Biodiversity crisis?
10. Comment on Tsunami.

PART-B

Answer any FOUR of the following questions:

(4 × 10 = 40 marks)

11. Write short notes on ecological pyramids.
12. Illustrate the Carbon cycle with diagrams.
13. Give a brief notes on Greenhouse effect
14. Describe in detail about Biodiversity hotspots.
15. Give a brief notes on Chipko movement.
16. Explain the uses of Remote sensing.

PART-C

Answer any TWO of the following questions:

(2 × 20 = 40 marks)

17. Give a brief notes on Natural and Man-made ecosystem.
18. Explain the Oxygen cycle and Sulphur cycle.
19. Give an account on Bioremediation.
20. Write short notes on Environmental Impact Assessment.
