

**LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034**



**B.Sc. DEGREE EXAMINATION – ADVANCED ZOOLOGY AND BIOTECHNOLOGY**

**FOURTH SEMESTER – APRIL 2016**

**AZ 4506 – ENVIRONMENTAL BIOLOGY**

Date: 22-04-2016

Dept. No.

Max. : 100 Marks

Time: 09:00-12:00

**PART-A**

**(10x2=20 marks)**

**Answer ALL questions:**

1. Define Synecology?
2. What is Soil erosion?
3. Define Natalty.
4. What is Symbiosis?
5. What is Community Stratification?
6. Define Food chain.
7. Mention any two Deep sea adaptations.
8. List out any three examples of Sandy shore fauna.
9. What are Renewable resources?
10. What is Global Warming?

**PART-B**

**(4x10=40marks)**

**Answer any FOUR of the following questions:**

11. Discuss about the Temperature as Ecological factor.
12. Write an account on Factors affecting Hardy Weinberg's law.
13. Give short notes on Ecological Pyramids.
14. Briefly explain the pelagic adaptations.
15. Explain the details of Wildlife Management.
16. Write a brief notes on Air Pollution.

**PART-C**

**Answer any TWO of the following questions:**

**(2x20=40marks)**

17. Explain the Oxygen cycle and Sulphur cycle.
18. Write an essay on Social life of Bees and Ants.
19. Give a brief notes on Components of Ecosystem.
20. Write an account on Green House Effect.

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