

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

**M.Sc. DEGREE EXAMINATION – ZOOLOGY**

THIRD SEMESTER – APRIL 2010

**ZO 3801 - ENVIRONMENTAL BIOLOGY**

Date & Time: 29/04/2010 / 9:00 - 12:00 Dept. No.

Max. : 100 Marks

**SECTION A**

Answer **ALL** the questions

10 x 2 = 20 marks

1. Comment on Kyoto protocol.
2. Differentiate autecology from synecology.
3. What is Rainbow Warrior?
4. What is food chain?
5. Differentiate plankton from nekton.
6. Enumerate the importance of NEAP.
7. What is ecological succession?
8. Expand UNEP and WWF.
9. What is green house effect?
10. What are renewable and non-renewable resources?

**SECTION B**

Answer any **FOUR** of the following

4 x 10 = 40marks

11. Describe social life in insects.
12. Give an account of air pollution and its control measures.
13. Define biogeochemical cycle. Explain Carbon cycle.
14. Explain light as an abiotic factor.
15. Explain the types of inter specific animal relationships.
16. Write notes on biological rhythms.

**SECTION C**

Answer any **TWO** of the following

2 x 20 = 40marks

17. Write an essay on wildlife conservation and management in India.
18. Give an account of components of ecosystem and ecological pyramids.
19. Describe the various attributes of animal population.
20. Explain the various effects of water pollution and its control measures.

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