



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

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

**THIRD SEMESTER – NOVEMBER 2016**

**ZO 3813 - PRINCIPLES OF ECOLOGY & ENVIRO. MGT.**

Date: 01-11-2016  
Time: 09:00-12:00

Dept. No.

Max. : 100 Marks

**PART-A**

**Answer ALL Questions**

**(10x2=20)**

1. What you mean by Bioremediation.
2. Define mutualism.
3. Differentiate Food web and Food chain.
4. Explain the three different causes of Ecological Succession.
5. Write a short note on Bioindicator.
6. Draw the schematic formation of Acid rain.
7. Comment on Biosphere.
8. What are the objectives of green peace movement?
9. Write any four government agencies involved in environment conservation.
10. Comment on Disaster management act.

**PART-B**

**Answer Any FOUR Questions**

**(4x10=40)**

11. Give an account on Conservation of minerals.
12. Explain in details on Biomarker and its functions.
13. Briefly explain the process of Ecological Succession.
14. Explain the various impacts of Climate change.
15. Describe the importance of Remote sensing and GI system.
16. Provide a detailed note on biomes.

**PART-C**

**Answer Any TWO Questions**

**(2x20=40)**

17. Describe the various types of Bioremediation process.
18. Give a detailed account on Natural Disaster Management.
19. Write an essay on Community Ecology.
20. Describe the impacts of pesticide on environment.

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