



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

M.Sc. DEGREE EXAMINATION - ZOOLOGY

THIRD SEMESTER – NOVEMBER 2013

ZO 3813 - PRINCIPLES OF ECOLOGY & ENVIRO. MGT.

Date : 05/11/2013

Dept. No.

Max. : 100 Marks

Time : 9:00 - 12:00

PART - A

Answer **ALL** Questions:

(10 x 2 = 20 Marks)

1. What are biomes?
2. Define mutualism.
3. Differentiate niche and habitat.
4. Write a note on ecological succession.
5. What are Bioindicators?
6. Write about bioremediation.
7. Define the term remote sensing.
8. Write any four government agencies involved in environment conservation.
9. List out main functions of EIA.
10. Comment on Chipko movement.

PART - B

Answer any **FOUR** Questions:

(4 x 10 = 40 marks)

11. Classify the atmospheric regions and explain the temperature profile of those regions.
12. Give an account on conservation of minerals.
13. Briefly describe the Green House Effect and its major impacts.
14. Elaborate on the concept of municipal solid waste management.
15. Give an account of role of NGOs in environmental conservation.
16. Elucidate agriculture resource management.

PART - C

Answer any **TWO** Questions:

(2 x 20 = 40 marks)

17. Write an essay on ozone layer depletion and its main causes.
18. Discuss the Yamuna and Ganges projects and their impact.
19. India is a Mega Biodiversity. Discuss.
20. Describe the importance of remote sensing in the evaluation of water resource management, flood mapping and flood damage assessment.
