

LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034



B.Sc. DEGREE EXAMINATION – ADVANCED ZOOLOGY AND BIOTECHNOLOGY

FOURTH SEMESTER – NOVEMBER 2016

AZ 4506 – ENVIRONMENTAL BIOLOGY

Date: 07-11-2016

Dept. No.

Max. : 100 Marks

Time: 01:00-04:00

PART-A

Answer All the questions

(10x2=20 marks)

1. What is Synecology?
2. What is pedogenesis?
3. Define ecological niche.
4. Distinguish natality and mortality.
5. Define food web.
6. Comment on edge effect.
7. Mention any four examples of sandy shore fauna.
8. Explain Green house effect.
9. Mention any two adaptations of pelagic forms.
10. Explain any two environmental disasters.

PART – B

(4x10=40 marks)

Answer any FOUR questions

11. Describe soil erosion and its types.
12. Briefly explain the social life of bees, ants and termites.
13. What are ecological pyramids? Explain about energy flow.
14. Write notes on deep sea adaptations.
15. Give an account on disaster management.
16. Give an account on National parks.

PART – C

(2x20=40 marks)

Answer any TWO questions

17. Write an essay on Nitrogen cycle.
18. Describe inter and intra specific animal relationship.
19. Define ecosystem. Explain pond is an ecosystem.
20. Write an essay on wild life management.
