

LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034



B.Sc. DEGREE EXAMINATION – ADVANCED ZOOLOGY AND BIOTECHNOLOGY

FOURTH SEMESTER – APRIL 2022

18/17/ 16UZO4MC01 – ENVIRONMENTAL BIOLOGY

Date: 16-06-2022

Dept. No.

Max. : 50 Marks

Time: 09:00-12:00

PART – A

Answer All questions

(10x2=20 Marks)

1. Define bioremediation.
2. Differentiate between food chain and food web.
3. Comment on edge effect.
4. What is carrying capacity?
5. Note on biovillage.
6. Comment on greenhouse effect.
7. What is ecological succession?
8. Note on acid rain.
9. Define hibernation.
10. What are Bioindicators?

PART - B

Answer any FOUR Questions

(4 x 10 = 40 Marks)

11. Give an account on the types of ecological pyramids.
12. Explain the two types of growth curves.
13. Write a note on estuarine ecosystem.
14. Write briefly on the effect and control measures of water pollution.
15. Write a note on Chipko movement and green peace movement.
16. Explain the causes of ozone depletion and its impact on global warming.

PART - C

Answer any TWO Questions

(2 x 20 = 40 Marks)

17. Write briefly about biodiversity hotspots and biodiversity conservation.
18. Explain nitrogen cycle with diagram.
19. Give a brief note on adaptations of desert animals with examples.
20. Write an account on the applications of remote sensing in environmental management.

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