



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

B.Sc. DEGREE EXAMINATION – ADVANCED ZOOLOGY AND BIOTECHNOLOGY

FOURTH SEMESTER – APRIL 2023

UAZ 4501 – ENVIRONMENTAL BIOLOGY

Date: 02-05-2023

Dept. No.

Max. : 100 Marks

Time: 09:00 AM - 12:00 NOON

PART - A

Answer ALL the Questions

(10 x 2 = 20)

1. Comment on Biodiversity hotspot.
2. Write a note on food chain.
3. Write a note on parasitism.
4. Differentiate habitat from niche.
5. What are alien species?
6. What are autotrophs?
7. Comment on bioremediation.
8. Write a note on national parks.
9. Expand IUCN, WWF.
10. What are xenobiotics?

PART B

Answer any FOUR Questions

(4 x 10 = 40)

11. Briefly explain the components of an ecosystem.
12. Write an account on food web.
13. Bring out details on animal association.
14. Write an account on sanctuaries and biosphere reserves in India.
15. Write an account on soil profile.
16. Bring out an account on green pesticides.

PART C

Answer any TWO Questions

(2 x 20 = 40)

17. Bring out a detailed account on soil, water and air pollution.
18. Explain in detail the impact of environment on animals.
19. Form an essay on mimicry and colouration.
20. Write an essay on biogeochemical cycle.

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