

B.Sc. DEGREE END SEMESTER EXAMINATION : NOVEMBER 2023**SEMESTER 5 : ZOOLOGY****COURSE : 19U5CRZOO06 : ENVIRONMENTAL BIOLOGY***(For Regular 2021 Admission and Supplementary 2020 / 2019 Admissions)*

Time : Three Hours

Max. Marks: 60

PART A**Answer All (1 mark each)**

1. What is the full form of IPCC?
2. Justify the practice of 'burning' as a means of plastic waste management
3. What is the term used to denote the study of "life and requirements of a single organism or species"?
4. What is Limnology?
5. Chemical interaction, by which the organisms of one species affects the well-being and growth of other, is called -----.
6. What are xerocoles?
7. What is ozone layer depletion?
8. What is the suitable term for 'a body of standing water occupying a basin and lacking continuity with the sea'?

(1 x 8 = 8)**PART B****Answer any 6 (2 marks each)**

9. Discuss the effects of thermal pollution
10. Classify different types of lakes based on their productivity
11. Explain the importance of nuclear energy
12. Explain the term Epizoite with suitable example
13. Name the different types of plastics as per the plastic manufacturing industry
14. Explain how greenhouse effect affect food production
15. What is demecology?
16. Discuss the concept of zonation of biosphere reserves

(2 x 6 = 12)**PART C****Answer any 4 (4 marks each)**

17. Discuss the importance and process of watershed management
18. Discuss different types of negative interactions among species/populations
19. Give an account of marine pollution
20. Explain the concept of microbial diversity
21. Elaborate on energy conservation
22. Discuss the mitigation measures of drought

(4 x 4 = 16)

PART D

Answer any 2 (12 marks each)

23. Elaborate on the challenges caused by global warming
24. Discuss the environmental characteristics of lakes.
25. Give an account of drought with a note on its types, causes, effects and mitigation measures
26. Elaborate on renewable energy resources

(12 x 2 = 24)