

B. Sc. DEGREE END SEMESTER EXAMINATION : OCTOBER 2022**SEMESTER 5 : ZOOLOGY****COURSE : 19U5CRZOO06 : ENVIRONMENTAL BIOLOGY***(For Regular - 2020 Admission and Supplementary - 2019 Admission)*

Time : Three Hours

Max. Marks: 60

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

1. What are the characteristics of a population?
2. What is known as 'rainforests of the sea'?
3. What is the full form of IPCC?
4. Who coined the term ecology?
5. What are xerocoles?
6. Name the two major raw materials used in the manufacture of plastic
7. What is ozone layer depletion?
8. What is meant by the term 'oligotrophic lake'?

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

9. What is meant by the term 'biosphere'?
10. Discuss the effects of thermal pollution
11. Explain the advantages of solar energy
12. Compare the biodiversity of a rain forest and a coniferous forest
13. Discuss the problems of plastic pollution in seas and oceans
14. What are the characteristics of biodiversity hotspots?
15. Explain amensalism
16. Explain the greenhouse gases

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

17. Discuss the mitigation measures of floods
18. Give an account of noise pollution
19. Discuss population growth forms
20. Explain the conservation of wetlands through designating them as Ramsar sites
21. Explain different types of abiotic resources
22. Write a note on wildlife sanctuaries

(4 x 4 = 16)**PART D****Answer any 2 (12 marks each)**

23. Elaborate on the United States mission on mitigating the effects of 'climate change'
24. Elaborate the threats faced by freshwater resources of Kerala

25. Discuss the different types of conventional energy sources and present an account of their disadvantages
26. Give an account of cyclones with a note on their types, effects and mitigation measures
(12 x 2 = 24)