

BACHELOR'S DEGREE (C.B.C.S) EXAMINATION, NOVEMBER 2024**2022 ADMISSIONS REGULAR****SEMESTER V - CORE COURSE (ZOOLOGY)****ZY5B05B18 - Environmental Biology and Human Rights****Time : 3 Hours****Maximum Marks : 60****Part A****I. Answer any Ten questions. Each question carries 1 mark****(10x1=10)**

1. Give an example for A) Lentic habitat B) Lotic habitat.
2. State any two unique characteristics of a Deciduous forest.
3. Define Tundra.
4. State absolute natality.
5. Mention any two advantages of Niche.
6. Explain the role of CFC in Ozone destruction.
7. Explain any two ways for control of thermal pollution.
8. Expand IPCC.
9. Define alpha biodiversity.
10. Name any two National parks in Kerala.
11. Define hazardous waste.
12. Expand UNESCO.

Part B**II. Answer any Six questions. Each question carries 5 marks****(6x5=30)**

13. Explain the ecological significance of wetlands.
14. Discuss on tidal power and Natural gas as a source of energy. Mention the advantages and disadvantages of each.
15. Comment on the adaptations seen in freshwater organisms.
16. Elaborate on Ecological succession and Community evolution.
17. Explain the types of cyclone and its effects.
18. Explain the impacts of oil spill.
19. What is red data book? Mention its advantages.
20. What do you mean by a National Park? What are the characteristics of national parks according to IUCN?
21. Describe the mechanisms for checking violations of human rights.

Part C**III. Answer any Two questions. Each question carries 10 marks****(2x10=20)**

22. With the help of labelled diagrams, explain Ecological pyramids.
23. Write an essay on Greenhouse effect.
24. Give an account of Deforestation.
25. Explain the importance and zones of biosphere reserves.