

TB205475V

Reg. No : .....

Name : .....

**B. Sc. DEGREE (C.B.C.S.) EXAMINATION, NOVEMBER 2022**  
**2020 ADMISSIONS REGULAR AND 2019, 2018 ADMISSIONS SUPPLEMENTARY**  
**SEMESTER V - CORE COURSE (ZOOLOGY)**  
**ZY5B05B18 - ENVIRONMENTAL BIOLOGY & HUMAN RIGHTS**

Time : 3 Hours

Maximum Marks : 60

**Part A**

**I. Answer any Ten questions. Each question carries 1 mark**

**(10x1=10)**

1. Distinguish between Plankton and Nekton.
2. List the various types of lakes.
3. Define Ecology.
4. What do you understand by the term Species richness?
5. Explain Guild.
6. Define species diversity.
7. Write any two effects of Radioactive pollution.
8. Explain any two ways for control of thermal pollution.
9. What is genetic diversity?
10. Define human wildlife conflict.
11. Name any two National parks in Kerala.
12. List the functions of a State Human Rights Commission.

**Part B**

**II. Answer any Six questions. Each question carries 5 marks**

**(6x5=30)**

13. Discuss the characteristics and zonation of a Marine habitat.
14. Write briefly on different types of Forest and the adaptations seen in Forest animals.
15. Define Food chain? Elaborate the various types of Food chain. Add a note on Food web.
16. Comment on various types of Positive interactions seen in animals.
17. What is acid rain? Write down its effects.
18. Explain the impacts of oil spill.
19. Explain the salient features of Biological diversity act,2002.
20. Give an account on the industrial usage of rain water harvesting.
21. Describe different types of human rights.

**Part C**

**III. Answer any Two questions. Each question carries 10 marks**

**(2x10=20)**

22. Discuss the concept of limiting factors. List the subsidiary principles to the Shelfords law of tolerance.
23. Write an essay on Ozone depletion.
24. Give a detailed account of any two local environmental issues.
25. Describe various man animal conflict.