QP CODE: 24031586

24031586

Reg No : .....

Name : .....

B.Sc DEGREE (CBCS) REGULAR / REAPPEARANCE EXAMINATIONS, OCTOBER 2024

Fifth Semester

CORE COURSE - ZY5CRT05 - ENVIRONMENTAL BIOLOGY & HUMAN RIGHTS

Common for B.Sc Zoology Model I, B.Sc Zoology Model II Aquaculture, B.Sc Zoology Model II Food Microbiology, B.Sc Zoology Model II Medical Microbiology, B.Sc Biological Techniques and Specimen Preparation Model III & B.Sc Zoology and Industrial Microbiology Model III Double Main

2017 Admission Onwards

ECFC218E

Time: 3 Hours Max. Marks : 60

Part A

*Answer any **ten** questions.*

*Each question carries **1** mark.*

1. Define ecological efficiency.
2. Define prairies.
3. What is the difference between Renewable and nonrenewable resources?
4. Define growth curve.
5. Mention any two ozone depleting gases.
6. What is Bhopal Tragedy?
7. Mention the reasons for the lowering of ground water table in quarry areas.
8. Justify the statement " mangrove wetlands are land builders".
9. Name two Bird sanctuaries in Kerala .
10. What are vulnerable species?
11. Expand ICCPR.
12. What is the function of Human Rights Committee?

(10×1=10)

Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*

13. Comment on Shelford's law of tolerance.

14. Write short note on animal interactions.

15. Discuss about Genetic Diversity.

16. Write a short essay on carbon trading.

17. Write a short essay on the causes of soil pollution.

18. Explain the different types of floods.

19. Comment on man elephant conflict and the mitigation measures.

20. Give an account on the United Nations Commission on human rights (UNCHR).

21. What are the functions of National Human Rights Commission?

(6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **10** marks.*

22. Explain the abiotic components of the ecosystem.

23. Explain the process of ecological succession.

24. What are the major Ramsar sites of Kerala? Explain the ecological significance and threats of wetlands.

25. Write an essay on environmental laws explaining wild life protection act and biological diversity act

(2×10=20)