QP CODE: 22103443

22103443

Reg No : .....

Name : .....

B.Sc DEGREE (CBCS) REGULAR / REAPPEARANCE EXAMINATIONS, NOVEMBER 2022

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

47312BA1

Time: 3 Hours Max. Marks : 60

Part A

*Answer any **ten** questions.*

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

1. Define ecology.
2. Comment on amonification.
3. Which are the major limitations of wind energy?
4. What is interspecific interactions?
5. Which are the two biodiversity hotspots in India?
6. Mention the broadest classification of toxic substances.
7. What is the effect of global warming on mangrove forest?
8. Define Eutrophication.
9. What is extinct in the wild ?
10. Write any two mitigation measures to solve man elephant conflict
11. Expand CEDAW.
12. What is Human Rights Committee?

(10×1=10)

Part B

*Answer any **six** questions.*

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

13. Briefly explain food chain.
14. Differentiate between absolute natality and realized natality.
15. Write short note on global warming.

16. Write a short essay on carbon sequestration.
17. Briefly explain the methods to reduce air pollution.
18. Briefly explain the effects of changing crop pattern in an area.
19. What are the steps involved in watershed management ?
20. Explain the value dimensions of human rights.
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. Write an essay on terrestrial ecosystems.
23. Explain the process of ecological succession.
24. Write an essay on earthquake and its mitigation measures.
25. Write an essay on Protected area concept.

(2×10=20)