QP CODE: 21100086

21100086

Reg No : .....

Name : .....

B.Sc DEGREE (CBCS) EXAMINATION, FEBRUARY 2021

Fifth Semester

Core Course - ZY5CRT05 - ENVIRONMENTAL BIOLOGY & HUMAN RIGHTS

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

2017 Admission Onwards

6107FA6B

Time: 3 Hours Max. Marks : 60

Part A

*Answer any **ten** questions.*

Each question carries 1 mark.

1. What is an ecosystem?
2. What is limnology?
3. Comment on tidal power.
4. What is population?
5. What is global warming?
6. What is carbon credit ?
7. Briefly explain how wetlands protect coastal areas from floods?
8. Give any two examples for persistent toxins?
9. What is transition zone of a biosphere reserve?
10. What are the reasons for man elephant conflict?
11. What is the function of Human Rights Committee?
12. Define Human Rights of minorities.

(10×1=10)

Part B

*Answer any **six** questions.*

Each question carries 5 marks.

13. Describe the laws of thermodynamics.
14. What is dominance? Explain with an example.
15. Differentiate between Beta diversity and Gamma diversity.
16. Write a short note on water logging.

17. Briefly explain the major problems with thermal and nuclear power wastes.

18. Explain the environmental disturbances caused by Quarrying.

19. Briefly explain the methods of rain water harvesting.

20. Comment on the universality of human rights.

21. Explain the role of UN secretariat.

(6×5=30)

Part C

*Answer any **two** questions.*

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

22. Explain biogeochemical cycles.

23. Write an essay on negative animal interactions.

24. Write an essay on the various mitigation methods for flood and drought.

25. Explain IUCN categories of threatened species.

(2×10=20)