



QP CODE: 22100059



22100059

Reg No : .....

Name : .....

**B.Sc DEGREE (CBCS ) REGULAR / REAPPEARANCE EXAMINATIONS,  
JANUARY 2022  
Fifth Semester**

**CORE COURSE - BO5CRT08 - ENVIRONMENTAL SCIENCE AND HUMAN RIGHTS**

(Common to B.Sc Botany Model I, B.Sc Botany Model II Environmental Monitoring And Management, B.Sc Botany Model II Food Microbiology, B.Sc Botany Model II Horticulture and Nursery Management, B.Sc Botany Model II Plant Biotechnology & B.Sc Botany and Biotechnology Model III Double Main)

2017 Admission Onwards

C63D731F

Time: 3 Hours

Max. Marks : 60

**Part A**

*Answer any **ten** questions.*

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

1. Name the obligatory interaction beneficial to both the species.
2. Define Ecotone.
3. Which is the pioneer community in Xerosere?
4. Define Endemism.
5. What is meant by Remote sensing?
6. Name the sanctuary known as Salim Ali Bird Sanctuary.
7. What is smog?
8. Name two green house gases.
9. When was Kyoto protocol signed?
10. Name the research institution founded by Anil Agarwal.
11. How many member states are there in UNO?
12. Fundamental rights are included in which part of Indian Constitution?

(10×1=10)

**Part B**





Answer any **six** questions.  
Each question carries **5** marks.

13. Ecology is an interdisciplinary science. Justify.
14. How do homeostasis operates in an ecosystem?
15. What is meant by extinction? Mention the causes.
16. What is in situ conservation? List its advantages.
17. Explain the impact of water pollution on aquatic life.
18. Give an account on WWF.
19. Explain different generations of human rights.
20. What do you understand by value dimensions of human rights?
21. What is meant by critical appraisal of human rights regime?

(6×5=30)

### Part C

Answer any **two** questions.  
Each question carries **10** marks.

22. Write an essay on various ecological pyramids with suitable example.
23. What is solid waste? Briefly describe various means of solid waste management.
24. Explain how Wildlife protection Act and Biological diversity Act can be effectively implemented?
25. Briefly describe human rights awareness in education.

(2×10=20)

