



QP CODE: 25003387



25003387

Reg No :

Name :

**B.Sc DEGREE (CBCS) SPECIAL REAPPEARANCE EXAMINATIONS, FEBRUARY
2025**

Fifth Semester

B.Sc Biotechnology Model III

**CORE COURSE - BT5CRT13 - ENVIRONMENTAL BIOTECHNOLOGY AND HUMAN
RIGHTS**

2022 Admission Only

C4C554F9

Time: 3 Hours

Max. Marks : 60

Part A

*Answer any **ten** questions.*

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

1. Define 'Consumers' of ecosystem.
2. What is meant by energy flow in ecosystem?
3. What is algal bloom?
4. Comment on DDT.
5. What is colilert technique ?
6. What is in situ bioremediation?
7. How do you break down lignin?
8. Stages of anaerobic digestion.
9. Comment on landfilling.
10. The water Act.
11. Define civil and political rights.
12. Expand CERD.

(10×1=10)

Part B

*Answer any **six** questions.*

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





13. How does wind power work? Describe.
14. How can we use various alternate energy resources? Explain.
15. Give an account of greenhouse effect and its role in global warming.
16. How does nuclear fall out affect humans? Describe.
17. Describe the parameters used for testing drinking water.
18. Discuss the molecular biology of biodegradation reactions.
19. What is flocculation and sedimentation? Explain each one.
20. Describe trickling filter process.
21. Explain child protection issues.

(6×5=30)

Part C

*Answer any **two** questions.*

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

22. Explain in detail the biogeochemical cycles with examples.
23. Write in detail about the causes, effects and factors effecting Ozone layer depletion.
24. Write in detail the secondary treatment of waste water.
25. Write an essay on NHRC.

(2×10=20)

