



23129050

QP CODE: 23129050

Reg No :

Name :

**B.Sc DEGREE (CBCS) REGULAR / REAPPEARANCE EXAMINATIONS,
OCTOBER 2023**

Fifth Semester

B.Sc Biotechnology Model III

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

2017 Admission Onwards

2E3BD261

Time: 3 Hours

Max. Marks : 60

Part A

*Answer any **ten** questions.*

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

1. What are Food webs?
2. Why should we use alternative energy resources?
3. What is Smog?
4. Comment on pesticide pollution.
5. What is colilert technique?
6. What is the principle of bacterial degradation?
7. What are catabolic plasmids?
8. What is Aerated lagoons?
9. Comment on the septic tank.
10. Wild life Protection Act.
11. Expand CESC.
12. Present Chairperson of UN Human Rights Committee.

(10×1=10)

Part B

*Answer any **six** questions.*

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





13. Describe the biogeochemical cycles and their importance.
14. How does wind power work? Describe.
15. Briefly describe the microbial pollutants.
16. How does nuclear fall out affect humans? Describe.
17. Describe the parameters used for testing drinking water
18. What are the methods adopted in biodegradation of Xenobiotics? Explain.
19. Write a short note on aerobic pond.
20. Describe the process and biological significance of methanogenesis.
21. Write note on Science and technology from human rights perspective.

(6×5=30)

Part C

*Answer any **two** questions.*

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

22. Explain the structure and functions of ecosystem.
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 history of human rights.

(2×10=20)

