



QP CODE: 20100034

Reg No :

Name :

BSc DEGREE (CBCS) EXAMINATION, FEBRUARY 2020

Fifth Semester

B.Sc Biotechnology Model III

Core Course - BT5CRT13 - ENVIRONMENTAL BIOTECHNOLOGY AND HUMAN RIGHTS

2017 Admission Onwards

A4E6D097

Time: 3 Hours

Maximum Marks :60

Part A

*Answer any **ten** questions.*

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

1. What is meant by ecological succession?
2. What is Nitrogen fixation?
3. What are the reasons for global warming?
4. What is meant by nuclear fallout?
5. What is TOC?
6. Serial Dilution Technique.
7. What are xenobiotics?
8. What is Packed Bed Reactor?
9. Comment on landfilling.
10. The water Act.
11. Human rights regime.
12. What is CRC.

(10×1=10)



Part B

*Answer any **six** questions.*

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

13. Describe the major types of ecosystem.
14. Write a note on Solar energy.
15. How does depletion of natural resources affect the environment? Describe.
16. How do pesticides affect the environment? Explain.
17. Describe the differences between ex-situ and in-situ bioremediation.
18. Write a note on Superbug.
19. What is flocculation and sedimentation? Explain each one.
20. Describe trickling filter process.
21. Explain the cultural and educational rights.

(6×5=30)

Part C

*Answer any **two** questions.*

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

22. Write an essay on alternate energy resources.
23. Describe the causes and impact of air pollution. Point out steps to reduce air pollution.
24. Write an essay on various methods of waste water treatment.
25. Write an essay on NHRC.

(2×10=20)

