



QP CODE: 25005587



Reg No :

Name :

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

Fifth Semester

B.Sc Microbiology Model III

**CORE COURSE - MB5CRT16 - ENVIRONMENTAL MICROBIOLOGY AND HUMAN
RIGHTS**

2022 Admission Only

E539CBC3

Time: 3 Hours

Max. Marks : 80

Part A

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. Define multidisciplinary nature of environmental studies.
2. What are Nonrenewable resources ? Give two examples.
3. Define biodiversity.
4. Define Ethical and moral values of biodiversity.
5. What is In Situ conservation?
6. Define environmental ethics.
7. What is trickling filter?
8. What is municipal sanitary landfill?
9. Define vermicomposting.
10. Environmental mutagenesis.
11. Define Human rights.
12. What is Economic and Social Council?

(10×2=20)

Part B

*Answer any **six** questions.*

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





13. Write a short note on non renewable energy resources.
14. What are the characteristics of ecological succession?
15. What are the major functions of forest ecosystem?
16. Explain the causes, effects and control measures of air pollution.
17. Describe cyclone, landslides, and their mitigation measures.
18. Explain the Water Act.
19. Explain the advantages and disadvantages of Bioremediation.
20. Explain Biostimulation.
21. Write about the methods to check the toxicity.

(6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **15** marks.*

22. Explain the concept of Ecosystem ? Discuss various components of an Ecosystem.
23. Explain the causes and effects of Marine pollution.
24. Discuss the microbial degradation of Petroleum hydrocarbons.
25. Write an essay on National and State Human Right Commision.

(2×15=30)

