

QP CODE: 22103418



Reg No :
Name :

**B.Sc DEGREE (CBCS) REGULAR / REAPPEARANCE EXAMINATIONS,
NOVEMBER 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
A5D9732F

Time: 3 Hours

Max. Marks : 60

Part A

*Answer any **ten** questions.*

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

1. Define Ecosystem.
2. What are producers?
3. What is Climax?
4. What is meant by Biodiversity?
5. Where is IUCN Head Quarters located?
6. National park is an example for _____ conservation.
7. Define Eutrophication.
8. What is incineration?
9. What is COP15?
10. When was Environment Protection Act enacted?
11. Expand ICCPR.
12. Name the committee which finalised Directive Principles of State Policy.

(10×1=10)

Part B

*Answer any **six** questions.*

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





13. Differentiate commensalism from mutualism.
14. What are growth forms? Explain.
15. Explain the role of GIS in environmental studies.
16. What are the peculiarities of Thenmala Ecotourism project?
17. Write an account on carbon sequestration.
18. Write a brief note on Chipko Movement.
19. Explain different generations of human rights.
20. What is meant by critical appraisal of human rights regime?
21. Give a brief explanation on science, technology and human rights.

(6×5=30)

Part C

*Answer any **two** questions.*

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

22. What is biogeochemical cycle? Describe Carbon cycle with the help of schematic diagram.
23. Describe in brief the source and types of Air pollution. Give an account on various control measures.
24. Describe the contribution of Madhav Gadgil and Medha Patkar as environmentalists.
25. Briefly describe the role played by the Economic and social council.

(2×10=20)

