

QP CODE: 22103388



Reg No : .....

Name : .....

**B.Sc DEGREE (CBCS) REGULAR / REAPPEARANCE EXAMINATIONS, NOVEMBER  
2022**

**Fifth Semester**

**CORE COURSE - CH5CRT05 - ENVIRONMENT , ECOLOGY AND HUMAN RIGHTS**

Common for B.Sc Chemistry Model I, B.Sc Chemistry Model II Industrial Chemistry, B.Sc Chemistry  
Model III Petrochemicals  
2017 Admission Onwards

27560A88

Time: 3 Hours

Max. Marks : 60

**Part A**

*Answer any **ten** questions.*

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

1. What do you mean by the term soil erosion?
2. Mention any four commercial uses of forests.
3. What is meant by livestock?
4. Define the term energy resources.
5. Name any two nuclear holocausts.
6. What is the role of individual in preventing pollution?
7. What is meant by sustainable development?
8. What are the causes of Chernobyl disaster?
9. What do you mean by absolute poverty?
10. What are the major sources of chemical toxicants?
11. Expand ATSDR. Give its functions.
12. Mention any two UN committees related to the protection of human rights globally.

(10×1=10)

**Part B**

*Answer any **six** questions.*

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



13. How the extraction and overusage of mineral resources affect the environment?
14. Explain the classifications of drought.
15. Explain Keeling curve.
16. Explain atom economy with example.
17. Explain the two types of 'checks ' as propounded by Malthus .What is its importance?
18. Write a note on Bishnois Movement of Rajasthan.
19. Explain the purpose of ecological risk assessment of chemicals.
20. Write note on Kow, Koa, and Kaw.
21. Give a brief account of the different generations of human right.

(6×5=30)

### Part C

*Answer any **two** questions.*

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

22. Discuss the importance of environmental studies for sustainable development.
23. Explain in detail the steps taken to manage disasters like flood, earthquake, cyclone and landslide by government and individuals.
24. Elaborate the transport processes in the release of chemicals in the environment.
25. Describe the issues and challenges involved in the protection of human rights of women, children and minorities

(2×10=20)