

QP CODE: 24002408



Reg No :

Name :

B.Sc DEGREE (CBCS) SPECIAL REAPPEARANCE EXAMINATIONS, MARCH 2024

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

2021 Admission Only

4DCC8F23

Time: 3 Hours

Max. Marks : 60

Part A

*Answer any **ten** questions.*

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

1. Give any four harmful effects of soil erosion.
2. Mention any four management techniques of mineral resources.
3. List out any four problems associated with the dams.
4. How salinisation affects the environment?
5. How detergents cause pollution?
6. Differentiate between garbage and rubbish.
7. What are the important factors affecting green house effect?
8. What are the important points in the the Environment Protection Act?
9. What is the basic idea of Malthusian theory?
10. What is biomagnification?
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. Write a note on the scope of environmental studies.
14. Differentiate between Renewable and Non-renewable resources.



15. Explain the causes of Chernobyl disaster.
16. Explain the important points of water (prevention and control of pollution) act.
17. Discuss the environmental problems of population growth that affect human health.
18. Write a note on Bishnois Movement of Rajasthan.
19. Explain different types of chemical toxicants with examples.
20. Write note on abiotic transformation processes.
21. What are the basic characteristics of human rights?

(6×5=30)

Part C

Answer any **two** questions.

Each question carries **10** marks.

22. Elaborate on the use of alternate energy resources in a healthy environment.
23. Explain in detail the steps taken to manage disasters like flood, earthquake, cyclone and landslide by government and individuals.
24. Write short note on twelve persistent organic pollutants.
25. Elaborate the concept of Human Rights in the context of Indian Constitution.

(2×10=20)