QP CODE: 26001025

26001025

Reg No : .....

Name : .....

B.Sc DEGREE (CBCS)SPECIAL REAPPEARANCE EXAMINATIONS, JANUARY 2026

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

A63A8746

Time: 3 Hours Max. Marks : 60

Part A

*Answer any **ten** questions.*

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

1. Give the definition of environmental studies.
2. Mention any four land degradation problems.
3. What are the causes of over exploitation of forests?
4. What is meant by Over Grazing (OG)?
5. What is meant by eutrophication?
6. How can we manage landslides?
7. What are the benefits of watershed?
8. What is meant by Green Chemistry?
9. Name the endangered species of Silent Valley.
10. What is "human health risk assessment?
11. Expand ATSDR? Give its functions?
12. Explain any three Fundamental Rights mentioned in the Indian Constitution.

(10×1=10)

Part B

*Answer any **six** questions.*

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

13. What are the major problems associated with natural resources?

14. Describe briefly the use and exploitation of mineral resources.

15. How can we manage solid waste?

16. Discuss briefly about any two man made disasters.

17. Explain theory of evolution by natural selection.

18. Write a short note on International food crisis.

19. Explain different types of chemical toxicants with examples.

20. Explain the transport processes of pesticide in air.

21. How does UN promote and protect 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 the important points of Environmental Protection Act, Air Act and Water Act.

24. Write short note on twelve persistant organic pollutants?

25. Give a detailed discription of the history and development of the concept of human rights.

(2×10=20)