



23129037

QP CODE: 23129037

Reg No :

Name :

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

OCTOBER 2023

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

BE2CE4C5

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. Define the term natural resources.
3. Point out the main difference between normal soil erosion and accelerated soil erosion.
4. Point out any four impacts of deforestation.
5. What are the environmental issues caused by landfills?
6. What is meant by sustainable development?
7. What are the important factors affecting green house effect?
8. What are the important causes of acid rain?
9. Name the work of Malthus which examines the relationship between population growth and resources.
10. Define Ecological chemistry.
11. What do you mean by pesticide transformation?
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. Define water exploitation. Differentiate between surface water and ground water.
14. Write a short note on fertilizer-pesticide problems.
15. Explain how the use of pesticides has become an environmental hazard?
16. Explain the important points of Air (prevention and control of pollution) act.
17. Discuss the environmental problems of population growth that affect human health.
18. Write a note on Bishnoi Movement of Rajasthan.
19. Write note on POCs.
20. What is MSDS? What purpose does it serve?
21. Comment on "Human Rights and Indian Constitution".

(6×5=30)

Part C

Answer any **two** questions.

Each question carries **10** marks.

22. Discuss the role of an individual in conservation of natural resources.
23. a) Explain the important points of Wildlife Protection Act and Forest Act.
b) What are the important issues involved in the enforcement of Environmental Legislation?
24. Explain the transformation processes of chemicals.
25. Write about any two basic International Human Right documents in detail.

(2×10=20)