

QP CODE: 22100029



Reg No :

Name :

**B.Sc DEGREE (CBCS) REGULAR / REAPPEARANCE EXAMINATIONS,
JANUARY 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
2BFCE45D

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. List out any four benefits of dams.
4. How salinisation affects the environment?
5. Give any two chemical methods used in the treatment of water.
6. What are the causes of Chernobyl disaster?
7. What are the important points in the the Environment Protection Act?
8. What is meant by Green Chemistry?
9. Draw a graph illustrating Malthusian theory of population growth.
10. What is meant by photochemical degradation?
11. What are the materials which comes under RoHS directive?
12. What is ICCPR?

(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. Explain the concept of growing energy needs.
15. What are the measures adopted by government to avoid disaster?
16. Explain the causes, effects and preventive measures of green house effect.
17. Differentiate between relative poverty and absolute poverty.
18. Write a note on Bishnois Movement of Rajasthan.
19. Write short note on the scope of ecological chemistry.
20. Write note on Kow, Koa, and Kaw?
21. Discuss the role of science and technology in protecting and promoting human rights.

(6×5=30)

Part C

*Answer any **two** questions.*

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

22. Briefly discuss the consequences of major activities in forests.
23. Explain the causes, effects and control mechanism of urban and industrial waste.
24. Explain the transformation processes of chemicals.
25. Give a detailed account of the various UN committies involved in the promotion and protection of Human Rights.

(2×10=20)