



22101778

QP CODE: 22101778

Reg No :

Name :

**B.Sc DEGREE (CBCS) SPECIAL SUPPLEMENTARY EXAMINATIONS,
MAY 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

2019 Admission Only

4EAE0E59

Time: 3 Hours

Max. Marks : 60

Part A

*Answer any **ten** questions.*

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

1. Point out the main difference between normal soil erosion and accelerated soil erosion.
2. Define mineral resources.
3. What are the major underlying reasons for conflicts over water resources?
4. Define the term deforestation.
5. Give any two methods for solid waste disposal.
6. What is meant by sustainable development?
7. What is meant by global warming?
8. What are the important points in the the Environment Protection Act?
9. Name the non-violent community of nature worshippers of Rajasthan in western India.
10. Name two inorganic toxicants.
11. What is bioaccumulation?
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. Explain the need of public awareness regarding environment and sustainable development.
14. Write a short note on mass production of biodiesel for energy needs and food security.
15. Differentiate between classical and photochemical smog.
16. Explain the causes, effects and preventive measures of green house effect.
17. Write a note on human population growth.
18. Give an account of global challenges of rapid population growth.
19. Write note on POCs.
20. What is meant by RoHS? Explain briefly?
21. Write a short note on the International Covenant on Civil and Political Rights.

(6×5=30)

Part C

Answer any **two** questions.

Each question carries **10** marks.

22. Explain the major effects of modern agricultural practices on the environment.
23. Explain the concepts of Green Chemistry with its principle and relevant examples.
24. Elaborate the transport processes in the release of chemicals in the environment.
25. Elaborate the concept of Human Rights in the context of Indian Constitution.

(2×10=20)

