



QP CODE: 20100029

Reg No : .....

Name : .....

**BSc DEGREE (CBCS ) EXAMINATION, FEBRUARY 2020**

**Fifth Semester**

**Core Course - CH5CRT05 - ENVIRONMENT , ECOLOGY AND HUMAN RIGHTS**

B.Sc Chemistry Model I ,B.Sc Chemistry Model II Industrial Chemistry ,B.Sc Chemistry Model III

Petrochemicals

2017 Admission Onwards

3B7C2F39

Time: 3 Hours

Maximum Marks :60

**Part A**

*Answer any **ten** questions.*

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

1. Define the term environment.
2. Mention any four management techniques of mineral resources.
3. List out any four problems associated with the dams.
4. Point out any four impacts of deforestation.
5. What are the important causes of marine pollution?
6. What is meant by sustainable development?
7. What are the important factors affecting green house effect?
8. What are the causes of ozone layer depletion?
9. How did Charles Darwin define evolution?
10. Define Ecological chemistry.
11. What is meant by retrospective environmental risk?
12. Mention any two difference between fundamental rights and directive principles of state policy described in Indian constitution.



(10×1=10)

**Part B**

*Answer any **six** questions.*

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

13. As a responsible individual, how can you conserve natural resources for the future generations?
14. Explain the various causes of landslides.
15. How can we manage disasters like flood and landslide?
16. Explain the important points of Environmental Protection Act.
17. Write a note on family welfare programmes implemented by India.
18. Write a note on Bishnois Movement of Rajasthan.
19. Write a note on the pesticide DDT
20. What is meant by RoHS? Explain briefly?
21. Explain the concept of social contract theory.

(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 concepts of Green Chemistry with its principle and relevant examples
24. Write short note on twelve persistent organic pollutants?
25. Give a detailed account of the various UN committees involved in the promotion and protection of Human Rights.

(2×10=20)

