

QP CODE: 21100029



Reg No : .....

Name : .....

**B.Sc DEGREE (CBCS ) EXAMINATION, FEBRUARY 2021**

**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

84EB784A

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 mineral resources.
3. Define the term malnourishment.
4. Define the term energy resources.
5. Give any two methods for solid waste disposal.
6. What is meant by carbon cycle?
7. What is meant by green house effect?
8. What are the important points in the the Environment Protection Act?
9. Name the poverty that is measured based on social perspective and define it.
10. How do dry deposition of pesticides occur?
11. What is biomagnification?
12. What are Fundamental Rights mentioned in Indian Constitution?

(10×1=10)

**Part B**

*Answer any **six** questions.*

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

13. Dams are considered as the "Temples of Modern India". Explain the statement.
14. Briefly discuss the types and effects of mining.





15. How can we conserve water?
16. Explain the important points of Wildlife Protection Act.
17. Explain theory of evolution by natural selection.
18. Discuss the problems related to resettlement of project affected population.
19. What is MSDS? What purpose does it serve?
20. Explain the responsibilities related to material safety data sheet?
21. Comment on the role of UN committee on the elimination of discrimination against women.

(6×5=30)

### **Part C**

*Answer any **two** questions.*

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

22. Justify the importance of Land as a resource.
23. Explain the causes, effects and preventive measures of soil and marine pollution.
24. Explain the properties, effects and legislation on the use of POPs?
25. Explain in detail the Universal Declaration of Human Rights and its significance.

(2×10=20)

