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Name: .....

Reg.No: .....

**FOURTH SEMESTER M.Sc. DEGREE EXAMINATION, APRIL 2023**

(CBCSS - PG)

(Regular/Supplementary/Improvement)

**CC19P ESC4 E25 - GREEN CHEMISTRY**

(Environmental Science)

(2019 Admission onwards)

Time : 3 Hours

Maximum : 30 Weightage

**Part-A**

Answer any *four* questions. Each question carries 2 weightage.

1. How do batteries give energy?
2. How does Chemistry affect the Earth?
3. What is biodiesel?
4. What are the different types of contaminants?
5. Define Reverse Osmosis.
6. What is meant by Eutrophication?
7. What is Insectary plant with examples?

**(4 × 2 = 8 Weightage)**

**Part-B**

Answer any *four* questions. Each question carries 3 weightage.

8. What happens to pesticides released in the environment?
9. What is an example of green technology in Industry?
10. Discuss the pollution potential of textile industry.
11. Define Negative externalities.
12. Why is it important to recycle?
13. Explain how Non-renewable Resources affect the Environment.
14. What are alternative energy sources to reduce pollution?

**(4 × 3 = 12 Weightage)**

**Part-C**

Answer any *two* questions. Each question carries 5 weightage.

15. What are the benefits of Green Chemistry?

16. What is sustainable development in Industrial Chemistry? Explain.
17. Write a note on the types of pollutants produced by humans.
18. Explain the Sources and effects of air pollution.

**(2 × 5 = 10 Weightage)**

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