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Name:

Reg.No:

FOURTH SEMESTER M.Sc DEGREE EXAMINATION, APRIL 2024

(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 is Green Chemistry used in everyday life?
2. What is meant by atom economy in Green Chemistry?
3. What is biodiesel?
4. What are the different types of contaminants?
5. Define sedimentation.
6. Define renewable energy.
7. What are the impact of pesticides on wldlife.

(4 × 2 = 8 Weightage)

Part-B

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

8. What is the environmental fate of heavy metals?
9. What are the steps taken in designing greener process?
10. What are the measures to control pollution from paper and pulp industry.
11. Define Negative externalities.
12. What are the types of recycling?
13. Define Geothermal energy.
14. What is meant by Algal bloom?

(4 × 3 = 12 Weightage)

Part-C

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

15. How does solar power work? What is the significance of solar energy? Mention its applications.
16. Write a note on alternative energy sources.
17. Discuss the green alternatives to the traditional manufacturing process.
18. Write notes on Ozone depletion.

(2 × 5 = 10 Weightage)
