

D 30496

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Name.....

Reg. No.....

**FIFTH SEMESTER (CBCSS—UG) DEGREE EXAMINATION
NOVEMBER 2022**

Chemistry

CHE 5D 01—ENVIRONMENTAL CHEMISTRY

(2019 Admission onwards)

Time : Two Hours

Maximum : 60 Marks

Section A (Short Answers)*Answer questions up to 20 marks.
Each question carries 2 marks.*

1. What are the different segments of environment ?
2. How are pollutants classified ?
3. What is zoning ?
4. Explain the role of green belt in controlling air pollution.
5. What is the role of catalytic converters in automobiles ?
6. List the sources of sulphur dioxide in the atmosphere.
7. Name any *two* polluted Indian rivers and the industries that cause their pollution.
8. What are biofertilizers ? Give an example.
9. Write a note on soil pollution by *e-waste*.
10. What is smog ?
11. What is green chemistry ?
12. List any four principles of green chemistry.

(Ceiling of marks : 20)

Section B (Paragraph)*Answer questions up to 30 marks.
Each question carries 5 marks.*

13. Illustrate the importance of hydrosphere.
14. Explain global warming.

Turn over

15. Write a note on Bhopal tragedy.
16. Explain the different types of hardness of water.
17. Discuss some methods for the disposal of radioactive waste.
18. Briefly describe the soil pollution by industrial wastes.
19. What is the role of green chemistry in controlling pollution? Explain any *two* applications of green chemistry in daily life.

(Ceiling of marks : 30)

Section C (Essay)

*Answer any **one** questions.*

Each question carries 10 marks.

20. Discuss the various sources of water pollution.
21. Briefly explain any four measures that can be adopted to control air pollution.

(1 × 10 = 10 marks)