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Name.....

Reg. No.....

**FIRST SEMESTER (CUFYUGP) DEGREE EXAMINATION
NOVEMBER 2024**

Chemistry

CHE 1FM 105—ENVIRONMENTAL CHEMISTRY

(2024 Admission onwards)

Time : One Hour and a Half

Maximum : 50 Marks

Section A*All questions can be answered.**Each question carries 2 marks.**Ceiling 16 marks.*

1. Define the terms receptor and sink.
2. What are non-persistent pollutants ?
3. Illustrate different types of pollution.
4. Discuss the role of oxides of Sulphur in air pollution.
5. How acid rain occur ? Explain its impacts on the environment.
6. What is particulate matter ? How is it harmful ?
7. Distinguish between BOD and COD.
8. What are the physical agents of water pollution ?
9. Explain the effects of radioactive pollution.
10. What are the different sources of thermal pollution ?

Section B*All questions can be answered.**Each question carries 6 marks.**Ceiling 24 marks.*

11. Explain the control measures for air pollution.
12. Critically evaluate the role of chlorofluorocarbons in ozone depletion and propose solutions to address this environment issue ?

Turn over

13. Explain the various regions of atmosphere.
14. Explain the sources of water pollution.
15. Evaluate the methods for solid waste management.

Section C

*Answer any **one** question.*

The question carries 10 marks.

16. Discuss about the water pollution control methods.
17. Write a note on i) abiotic and biotic components ii) composition of air iii) Composition of soil iv) Hazardous waste v) e - waste.

(1 × 10 = 10 marks)