

C 30322

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Name.....

Reg. No.....

**FIFTH SEMESTER B.A./B.Sc./B.Com./B.B.A. DEGREE EXAMINATION
NOVEMBER 2017**

[CUCBCSS—UG]

Open Course

CHE 5D 01—ENVIRONMENTAL CHEMISTRY

Time : Two Hours

Maximum : 40 Marks

Section A

*Answer all questions.
Each question carries 1 mark.*

1. Name an Environmental Segment.
2. The lowest layer of Atmosphere is :
3. Name an Automobile Pollutant.
4. Name a Toxic Metal in Water.
5. Name a Persistent Pollutant.
6. How does uncontrolled use of Fertilizers effect the Soil Fertility ?
7. Mention one method to remove temporary hardness of Water.
8. Name the Radiation responsible for green house effect.
9. Name a Primary Pollutant.
10. The cause London Smog in 1952 was mainly due to the use of _____.

(10 × 1 = 10 marks)

Section B

*Answer any five questions.
Each question carries 2 marks.*

11. Write a note on Hydrological Cycle.
12. What are the Environmental Segments ?
13. What is BOD ? Mention its significance.
14. What is meant by Bio- accumulation.
15. What is meant by Green chemistry ?
16. What is meant by Hydrological cycle ?
17. What is Photochemical Smog ?

(5 × 2 = 10 marks)

Turn over

Section C

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

- 18. Write a note on Green house effect.
- 19. Write a note on air pollution.
- 20. Write a note on the Narmada movement.

(2 × 5 = 10 marks)

Section D

*Answer any **one** question.
The question carries 10 marks.*

- 21. (a) Discuss Radioactive Pollution with reference to sources, effects and control measures.
- (b) Write a note on Water treatment methods.

(5 + 5 = 10 marks)

- 22. (i) Write a note on Soil Pollution.
- (ii) Write a note on Water Born Diseases.

(5 + 5 = 10 marks)

[1 × 10 = 10 marks]