

D 11178

(Pages : 2)

Name.....

Reg. No.....

**FIFTH SEMESTER B.A./B.Sc./B.Com./B.B.A. DEGREE
EXAMINATION, NOVEMBER 2016**

(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 the uppermost layer of atmosphere.
2. Name a water quality parameter.
3. Name a **CFC** pollutant.
4. Name the metal responsible for **Minamata** disaster.
5. Name an alternative refrigerant.
6. Name an environmental imbalance caused by deforestation.
7. How does uncontrolled use of fertilizers effect the soil fertility ?
8. Name a major pollutant in automobile exhaust.
9. Name the radiation responsible for Green house effect.
10. Name the chemical involved in Bhopal tragedy.

(10 x 1 = 10 marks)

Section B

*Answer any **five** questions.*

Each question carries 2 marks.

11. What is acid rain ?
12. How are pollutants classified ?
13. What is COD ? Mention its significance.
14. What is meant by thermal pollution ?
15. What is meant by E-waste ? Give example.
16. What is Smog ?
17. What are the environmental segments ?

(5 x 2 = 10 marks)

Turn over

Section C

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

18. Write a note on radiation pollution.
19. Write a note on the silent valley movement.
20. Write a note on **endosulfan** disaster in Kerala.

(2 x 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.
22. (a) Write a note on soil pollution.
(b) Write a note on water born diseases.

(5 + 5 = 10 marks)

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[1 x 10 = 10 marks]