

D 50616

(Pages : 2)

Name.....

Reg. No.....

FIFTH SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2018

(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 a green house gas.
2. Name an air pollutant.
3. Name a water pollutant.
4. Name an environmental movement.
5. Name a non-persistent pollutant.
6. Name an environmental imbalance caused by deforestation.
7. Mention one method to remove temporary hardness of water.
8. Name a major pollutant in automobile exhaust.
9. The cause London smog in 1952 was mainly due to the use of _____.
10. Name a secondary pollutant.

(10 × 1 = 10 marks)

Section B

Answer any five questions.

Each question carries 2 marks.

11. What is acid rain ?
12. Write a note on hydrological cycle.
13. What is DO ? Mention its significance in water pollution ?
14. What is meant by eutrophication ?

Turn over

15. Name *two* methods for soil waste management.
16. What are the environmental segments ?
17. What is meant by hydrological cycle ?

(5 × 2 = 10 marks)

Section C

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

18. Write a note on noise pollution.
19. Write a note on endosulfan disaster in Kerala.
20. Write a note on the Chipco movement.

(2 × 5 = 10 marks)

Section D

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

21.
 - i) Write a note on the source, effects and control of house hold waste.
 - ii) Explain the terms pollutant, contaminant receptor and sink.

(5 + 5 = 10 marks)

22.
 - i) Discuss radioactive pollution with reference to sources, effects and control measures.
 - ii) Discuss the major environmental movements in India.

(5 + 5 = 10 marks)

[1 × 10 = 10 marks]