

D 70217

(Pages : 2)

Name.....

Reg. No.....

FIFTH SEMESTER B.A./B.Sc. DEGREE EXAMINATION, NOVEMBER 2019

(CUCBCSS-UG)

Chemistry

CHE 5D 01—ENVIRONMENTAL CHEMISTRY

Time : Two Hours

Maximum : 40 Marks

Section A

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

1. Define environment and ecosystem.
2. Name any three air borne disease.
3. Define BOD.
4. Name some ionizing radiations.
5. What is photochemical smog ?
6. Name two green house gases.
7. Give an example each of persistent and non-persistent pollutants.
8. Name any two drugs used in treatment of Tuberculosis.
9. Dissolved oxygen is expressed as _____.
10. What is Biological magnification ?

(10 × 1 = 10 marks)

Section B

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

11. Write S.N. on Chlorofluoro carbons.
12. What is Eutrophication ?
13. Describe thermal pollution.
14. Write S.N. on Minamata disaster.
15. Discuss briefly alternate refrigerants.
16. How does lead pollution occur ? What are the toxic effects of lead ?
17. Write S.N. on cottrell electro-static precipitator.

(5 × 2 = 10 marks)

Turn over

Section C

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

18. What are the symptoms of Cholera and Typhoid ?
19. Discuss briefly sources and effects of E-waste.
20. Write S.N. on USAB process.

(2 × 5 = 10 marks)

Section D

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

21. (a) Discuss water treatment methods.
- (b) What are the control measures to check air pollution ?

(5 + 5 = 10 marks)

22. (a) What are the adverse effects of radiation ? Discuss the control measures.
- (b) Explain in detail the major water pollutants.

(5 + 5 = 10 marks)

[1 × 10 = 10 marks]