

D 90130

(Pages : 2)

Name.....

Reg. No.....

**FIFTH SEMESTER B.A./B.Sc. DEGREE EXAMINATION
NOVEMBER 2020**

(CUCBCSS—UG)

Chemistry

CHE 5D 01—ENVIRONMENTAL CHEMISTRY

Time : Two Hours

Maximum : 40 Marks

Section A

All questions to be attended.

Each question carries 1 mark.

1. Name the uppermost layer of atmosphere.
2. Name any *one* air-borne disease.
3. COD stands for _____.
4. Name one greenhouse gas.
5. Name one air pollution control measure.
6. _____ causes depletion of ozone layer.
7. Name a hydrocarbon pollutant ?
8. Name the metal responsible for Minamata disaster.
9. Define smog.
10. Name an alternate refrigerant.

(10 × 1 = 10 marks)

Section B

All questions can be attended and overall ceiling.

Each question carries 2 marks

11. What is meant by biological magnification ?
12. What is meant by acid rain ?
13. Differentiate between degradable and non-degradable waste.
14. What is meant by noise pollution ?

Turn over

15. Mention the segments of environment ?
16. Mention the cause and drugs used for the treatment of chickenpox.
17. How are pollutants classified ?

(5 × 2 = 10 marks)

Section C

All questions can be attended and overall ceiling.

Each question carries 5 marks.

18. Write a note on water quality parameters.
19. Explain radioactive pollution with reference to their source, effects and control measure.
20. Write a note on water-borne diseases.

(2 × 5 = 10 marks)

Section D

All questions can be attended and overall ceiling.

The question carries 10 marks.

21. (a) Write a note on air pollution control measures.
- (b) Explain in detail about hydrological cycle.

(5 + 5 = 10 marks)

22. (a) Write a note on depletion of ozone layer.
- (b) Write a note on soil pollution.

(5 + 5 = 10 marks)

[1 × 10 = 10 marks]