

E 3745



Reg. No.....

Name.....

B.Sc. DEGREE (C.B.C.S.S.) EXAMINATION, NOVEMBER 2022

Fourth Semester

B.Sc. Chemistry (Vocational) Model—II

Core Course—ENVIRONMENTAL MANAGEMENT—II

(2013—2016 Admissions)

Time : Three Hours

Maximum Marks : 60

Part A

Answer all questions.

Each question carries 1 mark.

1. What is the relationship between atmosphere and climate ?
2. What would happen if Earth had no greenhouse gases ?
3. What is the biggest cause of CO₂ emissions ?
4. How can we protect ozone layer ?
5. What is the main component of sustainable development ?
6. What is the importance of eco-friendly products ?
7. What are the types of city planning ?
8. What is the Hazardous Waste disposal Act ?

(8 × 1 = 8)

Part B

Answer any six questions.

Each question carries 2 marks.

9. What are the causes of atmospheric changes?
10. How can we control greenhouse effect ?
11. Why is CO₂ the biggest contributor to global warming ?
12. What are the advantages and disadvantages of ozone layer ?
13. What are the alternative solutions for global warming ?
14. What is the principle of sustainability ?

Turn over





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15. How does sustainable development help the environment ?
16. What is importance of industrial plant location ?
17. What are the different types of environmental assessment ?
18. What is the purpose of an environmental impact study ?

(6 × 2 = 12)

Part C

*Answer any **four** questions.
Each question carries 4 marks.*

19. Describe the difference between climate change and global warming.
20. Explain why chlorofluorocarbons harm the environment ?
21. How ozone depletion create skin cancer in human beings ?
22. How do you choose a manufacturing plant location ?
23. Briefly explain the objects of water resource development.
24. What are the steps of strategic environmental assessment ?

(4 × 4 = 16)

Part D

*Answer any **two** questions.
Each question carries 12 marks.*

25. Explain the various methods to reduce greenhouse effect.
26. Explain the various causes of ozone depletion. Discuss the chemistry behind it.
27. Explain the components of environmental impact assessment study.
28. Explain the environmental laws practices in India.

(2 × 12 = 24)

