



Roll No.....

Total No. of Questions : 30]

[Total No. of Printed Pages 4

**XIARKD21**  
**5836-C**  
**ENVIRONMENTAL SCIENCE**

Time : 2.30 Hours]

[Maximum Marks : 70

**Section-A**

1 each

**Note :-** Q.Nos 1-8 to be answered in *one word or one sentence* each

1. Natality is .....
2. The innermost region of the earth is .....
3. .... is the %age composition of oxygen in the atmosphere.
4. .... type of dispersion is prevalent in the human beings.
5. The conversion of nitrite to nitrate is called .....
6. Define Silicosis.
7. Methane is a main ingredient of natural gas. (True/False)
8. Define Hepatitis.

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Turn Over

**C-36-C**

**Section-B**

2 each

**Note :-** Q Nos. 9-18 to be answered in **30 words each**

9. What are manures ? Explain
10. What are different types of mineral resources ?
11. Elaborate role of "Green peace towards environment".
12. Explain the significance of World Environment Day.
13. Define disease. Mention with examples any two soil-borne diseases.
14. Explain medicinal plants as natural resource.
15. What is a significance of food security in underdeveloped nations.
16. Define Environment.
17. "Role of Government in promoting" White Revolution." Explain.
18. What do you mean by sustainable development ? Explain.

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**Section-C**

3 each

**Note :-** Q.Nos. 19–27 to be answered in **40** words each :

19. Write a note on animal resource.
20. What are the factors for good health.
21. What is the importance of environmental studies ? Explain.
22. Give graphic representation of oxygen cycle
23. Elaborate uses and abuses of nuclear energy.
24. Write a note on Biogas and its uses.
25. What are biogeochemical cycles ? Name their types.
26. What are the objectives of EVS ?
27. Briefly describe *three* water-borne diseases.

Turn Ove

**Section-D**

5 each

**Note :-** Q Nos. 28-30 to be answered in **75-100** words each

28. Write a detailed note on components of Environment

Or

Discuss the roles of producers, consumers and decomposers in an ecosystem

29. Describe the various characteristics of a population

Or

Differentiate between *r*-selection and *k*-selection

30. What is Adaptation ? Give an account of long-term adaptations with suitable examples.

Or

What are interspecific interactions ? Elaborate positive interactions with examples