

**C-36-B**

Roll No

Total No of Questions : 30

[Total No of Printed Pages : 4

**XIARKD21**

**5836-B**

# **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 percentage composition of oxygen in the atmosphere.
4. .... type of dispersion is prevalent in human beings.
5. The conversion of ammonia to nitrate is called .....
6. An occupational disease while inhaling dust and silica is .....
7. Inflammatory condition of liver is called .....

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**Turn Over**

Section-B

2 each

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

9. Differentiate between autotrophs and heterotrophs.

10. What are Floods ? Explain.

11. Give four uses of forest.

12. What is integrated pest control ?

13. How can you help deforestation ?

14. What are water-borne diseases ? Give two examples.

15. Define health as per WHO guidelines.

16. Define Environment.

17. "Role of Government" in food security. Explain.

18. What do you mean by sustainable development ? Explain.

**Section-C**

**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.

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.** <http://www.jkboseonline.com>

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.**