

**S-36-C**

Roll No. ....

Total No. of Questions : 30]

[Total No. of Printed Pages : 4

**XIAPBASZJD22**

**7736-C**

**ENVIRONMENTAL SCIENCE**

Time : 3 Hours]

[Maximum Marks : 70

**Section-A**

1 each

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

1. Name the major constituent of Atmosphere.
2. Which organism help termites in cellulose digestion ?
3. Which fossil fuel is known as black gold ?
4. Name the causative agent of tetanus.
5. What are biotic components of Environment ?
6. Define non-communicable diseases.
7. Name any *two* insectivorous plants.
8. Name any *three* organophosphates.

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Turn Over

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**Section-B**

2 each

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

9. Write main functions of an ecosystem.
10. What are the characteristics of Exponential Growth ?
11. Name some medicinal plants of J & K.
12. Write briefly on formal means of Environmental Education.
13. Write a note on *three* types of Ecological Pyramids.
14. Write short notes on the following :
  - (a) Crude density
  - (b) Realised natality
15. Name different types of minerals with examples.
16. What are ectoparasites and endoparasites ?
17. Differentiate between Primary and Secondary waves.
18. Define Floods. What are its causes ?

*Or*

Explain different layers of Atmosphere.

**Section-C**

3 each

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

19. Define Adaptations. What is the need for Adaptations ?

*Or*

What are different means of Communication in Animals ?

20. Briefly describe the factors regulating the size of a population.

21. What is Food Chain ? How many types of food chains are there ? Name them.

22. Describe the components of nuclear power plant.

23. Write a note on fresh water and marine water resources.

24. What is Green Revolution ? What are its advantages ?

25. What are different types of Volcanoes ?

26. Briefly enumerate advantages and disadvantages of Hydroenergy.

27. Write a brief note on Eutrophication and Bio-concentration.

**Section-D**

5 each

**Note :-** Q. Nos. 28-30 to be answered in 60 words each :

28. Describe two diseases transmitted through air.

*Or*

Write a note on two soil borne diseases.

29. Write a note on Narmada Bachao Andolan.

*Or*

Write a note on Chipko Movement.

30. Explain the various theories of origin of Earth.

*Or*

What is the scope and importance of Environmental Science ?