

S-36-B

Roll No.

Total No. of Questions : 30]

[Total No. of Printed Pages : 4

XIAPBASZJD22

7736-B

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 innermost region of the Earth.
2. Give *two* examples of Mutualism.
3. Name the causative agent of Cholera.
4. Name the *three* layers of earth.
5. Name one insect which lead a social life.
6. In wind power, which form of energy is converted into electricity.
7. Which is the most common route of acquiring tuberculosis ?
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. Describe the various stages of ecological succession.
10. What are the characteristics of logistic growth ?
11. Draw a diagram of food web.
12. Name a few fresh water fishes.
13. What are the goals of Environmental Education ?
14. Write short notes on the following :
 - (a) Mortality
 - (b) Dispersion
15. What are the items provided by the livestock to humans ?
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.

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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 ?