

S-36-A

Roll No.

Total No. of Questions : 30]

[Total No. of Printed Pages : 4

XIAPBASZJD22

7736-A

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. Where is the ozone layer present in the atmosphere ?
2. What is the source of Penicillin ?
3. Where is Petroleum found in India ?
4. Define Health.
5. Name the blanket of air which surrounds the earth.
6. Define Scavenging.
7. Name any *three* organophosphates.
8. Name the causative agent of typhoid.

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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. Define autoecology and synecology.
10. What are ectoparasites and endoparasites ?
11. Write short notes on the following :
 - (a) Life Table
 - (b) Age-Pyramid
12. Differentiate between Primary and Secondary Waves.
13. What is the economic importance of Forests ?
14. Define Ecology. Who coined the term ecosystem ?
15. Differentiate between *r*-selection and *k*-selection.
16. Explain IUCN and IIED.
17. Give two soap substitutes provided by Forests.
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 ?