

K-35-X

Roll No.

Total No. of Questions : 30]

[Total No. of Printed Pages : 4

XIKDRO/N19

25535-X

ENVIRONMENTAL SCIENCE

Time : 3 Hours]

[Maximum Marks : 70

Section-A

1 each

To be answered in one word or one sentence :

1. Define Hydrosphere.
2. Process of movement of water-soluble inorganic nutrients into the soil is called (Fill up)
3. What is a life-table ?
4. Name the causative agent of Tetanus.
5. How does influenza spread ?
6. Name a few fresh-water fishes.

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Turn Over

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7. Name the tree which yields malarial drug, quinine.
8. Name two carbonates.

Section-B

2 each

To be answered in **30** words :

9. What are biotic and abiotic components of atmosphere ?
10. What are limitations of non-renewable sources of energy ?
11. Write a short note on Biological Environment.
12. Briefly describe formation of coal and petroleum.
13. What is the significance of biogeochemical cycles ?
14. What are the objectives of Environmental Education ?
15. Expand the terms IUCN and BNHS.
16. What are communicable diseases ? Give examples.
17. What is economic importance of forests ?
18. What are the different means of communication in animals ?

Or

What is the significance of Pheromones ?

Section-C

3 each

To be answered in **40** words :

19. What is green revolution ? What are its advantages ?

Or

Write a short note on food security.

20. What is the importance of Environmental Science ?
21. Differentiate between *r*-selection and *k*-selection.
22. Describe briefly the various characteristics of a population.
23. Describe briefly the components of nuclear Power-plant.
24. Write a brief note on Chipko Movement.
25. Write a brief note on, two soil-borne diseases.
26. What are Minerals ? Name the different types with examples.
27. What are disadvantages of Pesticides ?

Section-D

5 each

To be answered in **40** words :

28. Define an Ecological Pyramid. Write a note on *three* types of Ecological Pyramid.

Or

What is Ecological Succession ? Describe its various types.

29. Explain the various cooperative interactions among members of a species.

Or

Define adaptations. What is the need for adaptations ?

30. Define Volcano. What are the different types of Volcanoes ?

Or

Write a note on earthquakes, their characteristics, effects and mitigation measures.