

Time : 3 Hours

✓ 1 Answer all the questions, each in a word or sentence

✓ 1. What are the four dynamic constituents of environment? *biot*

✓ 2. Name the two broad categories of natural resources? *geo*

✓ 3. What is the function of the ozone layer?

4. What is the theme of "The Poplar-Field"?

✓ 5. Define the term ecosystem. *a l*

6. What is chemosynthesis? *eco*

✓ 7. Expand WHO. *f*

✓ 8. When was the wildlife protection act passed?

9. Expand EIA.

✓ 10. What is the objective of deep ecology?

II **Answer any eight questions, each in a short paragraph not exceeding fifty words**

11. Explain the term sustainable development.
12. What does Chief Seattle say about rivers?
13. Explain the role of the youth in the conservation of environment.
14. Examine the concept of ecocriticism.
15. Write a note on vermicomposting.
16. Give a brief description about biodiversity hotspots.
17. Explain watershed management.
18. Describe the efforts of United Nations to protect human rights.
19. Write a short note on rainwater harvesting.
20. Explain the various factors that have led to the rapid growth in human population.
21. Elaborate on the concept of anthropocentrism.
22. Describe the bleak nature in Thomas Hardy's "The Darkling Thrush."

(8 × 2 = 16 Marks)

III **Answer any six questions, each in a short paragraph not exceeding hundred words**

23. Explain the critical environmental issues that affect Kerala.
24. How does Chief Seattle assert that man is an integral part of human nature?
25. Describe the various spheres of earth?
26. Discuss the problem of soil pollution.

27. Write a note on the environmental significance of Western Ghats.
28. Explain the importance of preserving biodiversity.
29. Write a note on the Environmental Protection Act.
30. Discuss the family welfare programmes initiated by the Government of India.
31. Explain the major water conservation strategies.

(6 × 4 = 24 Marks)

IV Answer any two questions in three hundred words

32. Describe the significance and multidisciplinary nature of environmental studies.
33. Analyse Issac Asimov's views on human population and environment.
34. Examine Shashi Tharoor's opinion regarding the ecological consciousness of Indians
35. Discuss the causes and effects of air pollution and the effective strategies that can be adopted to control pollution.

(2 × 15 = 30 Marks)
