DECEMBER 2023 **P/ID 4438/PGEE2**

Time : Three hours Maximum : 80 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions in 50 words each.

1. Define Ecology.
2. Brief on hydropower.
3. Give a note on community garden development.
4. Write a short note on atmosphere.
5. What is biosphere reserve?
6. Bring out key points on crop diversification.
7. List out few points on physical environment.
8. Give an outline on tangible resources.
9. Define scarce wildlife.
10. What is capacity building?
11. Write a note on natural hazard.
12. Brief note on environmental education.

PART B — ($5 \times 6 = 30$ marks)

Answer any FIVE questions in 250 words each.

13. Write an explanatory note on Endangered and Endemic species of India.

14. Explain forest conservation along with their merits and demerits.

15. Evaluate about water cycle in nature with an illustration.

16. Describe the various sources of energy.

17. Write a note on global environmental issues.

18. Describe on green energy solutions.

19. Discuss about the need of Hydel power.

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions in 500 words each.

20. Discuss in detail about the relationship between environment and resource management.

21. Describe on the utility and waste management of nuclear power plants.

22. Explain environmental accounting and auditing and why it is needed in EIA.

23. What is sustainable environment? What are the impact of environmental awareness on environment?

24. Elaborate on the needs and development of river valley projects in India.

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