MAY 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. What is air pollution?

2. Brief on thermal energy.

3. Bring out key points on decibel scale.

4. List out few points on oxygen cycle.

5. Define Biome.

6. Give a note on hail storm.

7. Write a short note on carbon dioxide.

8. Give an outline on Ozone layer.

9. Define hydro thermal energy.

10. Write a note on contingency plan.

11. What is anaerobic waste?

12. Brief note on fertilizers.

PART B — ($5 \times 6 = 30$ marks)

Answer any FIVE questions in 250 words each.

13. What is global warming? Explain the cause and effect of global warming.

14. Explain the concept of sustainable development with suitable examples.

15. Describe the ill effects associated with high level of noise on humans.

16. Explain the term hydrosphere and atmosphere and give relationship with biosphere.

17. Evaluate the working of different components of a power plant in India.

18. Assess the control measures to minimize the soil pollution.

19. Discuss in detailed with Environmental Impact Auditing and Monitoring.

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions in 500 words each.

20. Analyse how do agrochemical and fertilizers contribute in degrading the biosphere.

21. Describe in detail the impacts of biodegradable organic matter in water pollution.

22. Evaluate in detail about waste water treatment methods with their advantage and disadvantages.

23. What are the cause and effects of acid rain? Assess how the problem can be solved?

24. Elaborate on what measures you would suggest for the prevention and control of air pollution.

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