DECEMBER 2024 **P/ID 4433/PGE1C**

Time : Three hours Maximum : 80 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions in 50 words each.

1. State the role of Methane in the Atmosphere?
2. Why Isolation varies Seasonally?
3. What are the causes of pressure belts?
4. Brief on Doldrums.
5. Give a note on the role of aerosols in the atmosphere.
6. What do you mean by Agro Climate?
7. Write a short note on Long-term heating of Earth surface.
8. What is a Weather warning?
9. Provide a note on Physical Oceanography.
10. Deep sea trenchers? Give a note.
11. What is Ferrell cell?
12. What are Ocean Sediments?

PART B — (5 × 6 = 30 marks)

Answer any FIVE questions in 250 words each.

13. Write about Salient feature of pressure belts.

14. Write a note on Westerlies.

15. What are the salient features of Thonthwaites Climatic classifications?

16. Write a note on deep — sea trenchers.

17. What are the characteristics of the bottom topography of Indian oceans?

18. What is wind driven circulation?

19. How do human impact on Ocean Positively?

PART C — (3 × 10 = 30 marks)

Answer any THREE questions in 500 words each.

20. Analyze the Heat Balance of the earth atmosphere.

21. Write an essay on Air masses and its classifications.

22. Discuss Hydrological cycle and its influences in the earth atmosphere.

23. Write an account on Bottom relief of Atlantic Oceans.

24. Discuss the role of waves and tides in Ocean environment.

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