MAY 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 Nitrogen in the Atmosphere.
2. Define on horizontal surface.
3. What are the cause of pressure belts?
4. Define Lithosphere.
5. Give a note on cirrostratus.
6. What do you mean by micro climate?
7. What are the Green house gases?
8. What is barometric pressure?
9. What is Seashore?
10. Ocean ridges.
11. Brief Hadley cell with illustration.
12. Marine Sediments – Define.

PART B — (5 × 6 = 30 marks)

Answer any FIVE questions in 250 words each.

13. What do you understand by the temperature zones?

14. Write a note on Temperate region.

15. What are the salient feature of koppens 'C' Climate?

16. Brief on distribution of Land and Water masses.

17. What is the bottom relief?

18. What are the causes on circulation pattern of Ocean?

19. What is the human environment impact to the marine environment?

PART C — (3 × 10 = 30 marks)

Answer any THREE questions in 500 words each.

20. What are the salient features of Insolation? Discuss.

21. Analyze Polar Winds in detail.

22. Discuss Urban Micro Climate and its influences.

23. Discuss Salt budget in detail.

24. Analyse the Law of Sea in detail.

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