DECEMBER 2022 **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. Define Isotherm.
2. Write few points about monsoon.
3. What is Fog?
4. List out the various types of precipitation.
5. Give a note on easterlies.
6. Brief on anti-cyclones.
7. Write a note on agro-climate.
8. What does Transpiration mean?
9. Guyts - Define.
10. What is a warm current?
11. Brief on Neap tide.
12. Define Run-off.

PART B — (5 × 6 = 30 marks)

Answer any FIVE questions in 250 words each.

13. What is wind? Explain different types of winds.

14. Explain various types of fronts and their characteristics.

15. Write about the characteristics of stratosphere.

16. Elaborate the temperature inversion.

17. Analyse about global warming and its effects.

18. Differentiate Continental Shelf from Continental Slope.

19. Brief on different types of Ocean deposits.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions in 500 words each.

20. Critically analyse the structure of the atmosphere with illustrations.

21. Explain about Koppen's climatic classification.

22. Discuss the characteristics of cyclones and anticyclones and its causes and effect.

23. Elaborate on the Ocean Currents of the world and their significance.

24. Describe on the bottom relief of the Pacific Ocean.

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