MAY 2025 **U/ID 31641/UEH5A**

Time : Three hours Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions each in 30 words.

1. Brief on Ozone.

2. Write about Ozone depletion.

3. Define Vulnerability.

4. What is meant by Physical Vulnerability?

5. Define Mitigation process.

6. What is a Tornado?

7. Define Isotherms.

8. Give a note on Cyclonic precipitation.

9. What are Air masses?

10. What is Meteorology?

11. Give a note on Hydrometer.

12. List the need of Early warning System.

PART B — (5 × 5 = 25 marks)

Answer any FIVE questions each in 200 words.

13. List the major factors affecting the distribution of atmosphere.

14. State the factors determine the temperature.

15. Mention the determinants of atmospheric pressure.

16. Give few note about the tropical cyclones.

17. Discuss in detail the significance of air fronts.

18. Give any two effects of Sea – level rise.

19. Explain the impacts of Climate change on human health.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions each in 500 words.

20. Explain with illustration the factors affecting the incoming solar radiation.

21. Explain factors affecting horizontal distribution air temperature.

22. Draw and explain the major pressure belts of the world.

23. Explain various types of clouds and its characteristics.

24. What are Jet streams? Explain its characteristics.

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