MAY 2025 **P/ID 4432/PGE1B**

Time : Three hours Maximum : 80 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions in 50 words each.

1. Define geomorphology.
2. What is stalactite?
3. What do you mean by Isostasy.
4. What is Karst topography?
5. Define Weathering.
6. What is soil creep?
7. What do you mean by abrasion?
8. What is biological weathering?
9. Define mass wasting.
10. Write a note on underground water.
11. What is Pyramidal peak?
12. What do you mean by soil conservation?

PART B — (5 × 6 = 30 marks)

Answer any FIVE questions in 250 words each.

13. Write a detailed note on mountain building process.

14. Explain the peck's cycle of erosion.

15. Elaborate the types of soil erosion.

16. Write a note on shoreline changes.

17. Explain the types of weathering with example.

18. Give a note on Hazard analysis.

19. Explain the evolution of Semi arid landforms in shortly.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions in 500 words each.

20. Explain the Davis cycle of Erosion in detail.

21. Write in detail on concept and origin of plate tectonics.

22. What is mass wasting? Explain the types of mass wasting

23. Elaborate the fluvial action and its land forms in detail.

24. Describe the landscape and land evaluation in detail.

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