

2025

GEOGRAPHY — HONOURS

Paper : DSCC-1

(Physical Geography)

Full Marks : 75

The figures in the margin indicate full marks.

*Candidates are required to give their answers in their own words
as far as practicable.*

Category - A

Answer **any ten** questions (each within **50** words).

2×10

1. What is perspective projection?
2. Mention any two disadvantages of statement scale.
3. What is seismic shadow zone?
4. What is NiFe?
5. Distinguish between weathering and erosion.
6. Define entrenched meander.
7. Define unpaired terrace.
8. Define chelation.
9. What is index cycle?
10. Define geostrophic wind.
11. Where is stratopause located?
12. What is truncated soil profile?
13. What is xerophyte?
14. What is quasi-natural hazard?

Please Turn Over

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Category - B

Answer *any five* questions (each within **125** words).

5×5

15. Explain the components of a map.
16. Distinguish between oceanic crust and continental crust.
17. What favourable conditions are required for the formation of ox-bow lakes?
18. Explain the evolution of an ideal soil profile.
19. Explain the importance of parent material as a soil forming factor.
20. What are the different types of hydrophytes?
21. How do natural hazards differ from disasters?

Category - C

Answer *any two* questions (each within **500** words).

15×2

22. Discuss the concept, classification, and applications of map projections.
 23. Classify mechanical weathering and state their effects on landforms.
 24. Give an account of the erosional landforms developed by fluvial processes with suitable sketches.
 25. Discuss atmospheric layering with special reference to the troposphere.
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