

2026

GEOGRAPHY — HONOURS

Paper : DSCC-5

(Geomorphology)

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 the difference between cyclic and graded time?
2. Distinguish between negative and positive feedback.
3. Define slump.
4. What is meant by 'angle of repose'?
5. What is a hogback?
6. Name any two fluvial features caused by faulting.
7. How can a coastal arch transform into a stack?
8. What is a bergschrund?
9. What is an erratic?
10. How does a kame form?
11. What is a hammada?
12. What is a ventifact?
13. Define 'playa'.
14. What is meant by primarrumpf?

Please Turn Over

(7001)

Category - B

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

5×5

15. Write a short note on Tricart's Ga Scale of Hierarchy.
16. Classify mass wasting.
17. Discuss the various types of scarps formed along fault lines.
18. Explain the formation of tors.
19. How are hanging valleys formed?
20. Explain the differences between barkhans and star dunes.
21. Discuss the role of humans in slope modification.

Category - C

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

15×2

22. Explain the processes of fluvial entrainment, transportation and deposition.
 23. Discuss the evolution of landforms and drainage in an area of folded structure.
 24. Explain the formation of different types of depositional coastal landforms.
 25. Critically examine the concept of 'Normal Cycle of Erosion' as proposed by W.M. Davis.
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