

2022

GEOGRAPHY — HONOURS

Paper : CC-1

(Geotectonics and Geomorphology)

Full Marks : 50

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 five* questions (each within 50 words).

2×5

- ✓ 1. Distinguish between Era and Epoch.
- ✓ 2. How is a nappe formed?
3. Distinguish between fall and slide.
- ✓ 4. What is a peneplain?
- ✓ 5. Define 'Blind Valley'.
- ✓ 6. What is a tombolo?
7. Explain the concept of dynamic equilibrium.

Category - B

Answer *any four* questions (each within 150 words).

5×4

8. State how plate tectonics explain the present layout of young fold mountains in the world.
- ✓ 9. Distinguish between hogback and cuesta, with illustrations.
- ✓ 10. State the process of entrainment in rivers.
- ✓ 11. Describe the criterion for identifying glacier deposited sediments.
- ✓ 12. Explain the formation of barchans with diagrams.
13. Explain the causes of formation of coastal spits.

Please Turn Over

Category - C

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

10×2

- ✓ 14. Discuss the theory of Isostasy as put forward by Airy with examples.
 15. Describe the various processes of physical weathering and its resultant landforms.
 16. Describe the erosional features resulting from mountain glaciation, mentioning the processes responsible for their formation.
 - ✓ 17. Critically explain the geomorphic idea of cycle of erosion after Davis.
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