

**2023**

**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. What is an eon?
2. Define hotspot.
3. What is meant by gravity anomaly?
4. What is a fault scarp?
5. What is/are the agent(s) of denudation?
6. What is solifluction?
7. What is an inselberg?

**Category - B**

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

5×4

8. Differentiate between normal and reverse fault.
9. Explain the formation of tors in a granitic area.
10. Explain inversion of relief in folded structure.
11. State the various processes of chemical weathering.
12. Explain the formation of rapids and waterfalls with diagram.
13. How are outwash plain and erratics formed in glacio-fluvial environment?

**Please Turn Over**

**Category - C**

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

10×2

14. Discuss the landforms that are associated with destructive plate margins.
  15. Give an account of different types of mass-wasting.
  16. With the help of suitable diagrams, explain the landforms produced by aeolian erosion.
  17. Critically explain the cycle of pediplanation by L. C. King (1948).
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