

2020

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. Name the plate-driving forces.
2. How do conservative plate boundaries form?
3. Explain the process of soil creep.
4. How is a composite scarp formed?
5. What is a gloup?
6. What is a pediment?
7. What is 'dynamic equilibrium'?

Category - B

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

5×4

8. Distinguish between P and S wave with reference to earthquake.
9. Write a short note on chemical weathering.
10. What types of landforms are developed on a uniclinal structure?
11. Give an account of the landforms developed in an area of basaltic rocks.
12. Explain the formation of cliff and wave-cut platform with a sketch.
13. Explain Schumm and Lichty's model on role of time in Geomorphology.

Please Turn Over

Category - C

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

10×2

14. Explain how seismology is used for deciphering the internal layering of the earth.
 15. Discuss the model of isostasy as proposed by Pratt mentioning its basic difference from the model of Airy.
 16. Give an account of the landforms resulting from glacial erosion.
 17. Critically discuss the model on landscape evolution as proposed by Penck.
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