

2019
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 the significance of L-wave?
2. Explain the formation of strike-slip fault with a diagram.
3. How does an avalanche originate?
4. How is a recumbent fold formed?
5. Differentiate between slump and slide with examples.
6. What is meant by gravity anomaly?
7. What is Benioff zone?

Category – B

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

5×4

8. Explain the difference between transform fault and fracture zone.
9. Give an account of the landforms produced due to negative change in base level.
10. Differentiate between the processes of formation of barchans and star dunes.
11. Explain inversion of relief in a folded structure.
12. Discuss the processes of sediment entrainment by rivers.
13. Explain the stages of formation of dolines.

Category – C

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

10×2

14. Discuss the model of isostasy as proposed by Airy and mention its applicability.
 15. Classify coastal depositional features with suitable diagrams.
 16. Explain Hack's model of landscape development with suitable diagrams.
 17. Discuss the development of drainage network on a uniclinal structure.
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