

**2018**  
**GEOGRAPHY – HONOURS**

16

**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 geological significance of the Carboniferous Period?
2. Write any two characteristics of a hotspot volcano.
3. What is solifluction?
4. Differentiate between a hogback and a cuesta.
5. What is a fault-line scarp?
6. How does a spit form?
7. Explain the process of gaur formation.

**Category - B**

Answer *any four* questions, each within 150 words.

5×4

8. How do the seismic waves help to decipher the earth's interior structure?
9. Explain the concept of level of compensation according to Pratt.
10. Briefly discuss, the role of humans in landform development.
11. Describe the formation of tors in a granitic area.
12. Under what conditions does Karst topography develop?
13. Discuss the formation of glacio-fluvial landforms.

**Please Turn Over**

Category - C

Answer *any two* questions, each within 500 words.

10×2

14. Describe the characteristics of convergent plate margins with special reference to the associated landforms.
15. Write an account of the rapid processes of mass wasting and their resultant landforms.
16. Explain the development of river network on a folded structure.
17. Discuss the role of time in evolution of landforms.