

2020

## GEOGRAPHY (Honours)

Paper : GEOH DC-1A

(Geotectonics and Geomorphology)

(CBCS)

Full Marks : 25

Time : Two Hours

*The figures in the margin indicate full marks.*

*Candidates are required to give their answers  
in their own words as far as practicable.*

### Section - A

Answer any *one* of the following questions.

10×1=10

1. (a) What do you mean by seismological studies in Geology?  
(b) Describe the role of seismology in the study of the internal structure of the earth. 3+7
2. (a) The 'landscape is a function of structure, process and time' — explain the statement made by W.M. Davis.  
(b) What propounded the concept of dynamic equilibrium? 9+1

### Section - B

Answer any *three* of the following questions.

5×3= 15

3. Comment on the earth's tectonic and structural evolution in Precambrian eon. 5
4. Comment on the slope decline theory of Davis. What is slope element? 4+1
5. Identify major fluvioglacial landforms with proper illustrations. 5

6. Describe the origin and development of the delta at a river confluence. 5
  7. Comment on the global isostatic adjustment proposed by Airy. 5
  8. Narrate the evolution of the drainage system over the uniclinal structure. 5
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