

2019

**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) Explain the concept of Pratt regarding isostasy.
- (b) What are the essential conditions favourable for the development of karst topography?

6+4=10

P.T.O.

2. (a) What are the essence of landform evolution model of L. C. King ?

(b) What are the components of folds ? 7+3=10

### Section - B

Answer any *three* of the following questions :

5×3=15

3. Write about the characteristics of core of the earth's interior in the light of seismic waves. 5

4. Make a classification of landforms according to Horberg. 5

5. What are the tectonic landforms associated with subduction zones ? Illustrate your answer. 5

6. Describe the landforms which are associated with fluvio-glacial processes. 5

7. (a) Distinguish between fault-scarps and fault line scarps.

(b) What is meant by 'aeolian landform' ?

3+2=5

( 3 )

8. (a) Describe any two landforms those are formed on uniclinal structure owing to fluvial action.
- (b) Why geological time scale is necessary for understanding the geotectonic activities ?

3+2=5

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