

**2022**

**GEOGRAPHY — HONOURS — PRACTICAL**

**Paper : CC-1P**

**[Geotectonics and Geomorphology (Lab)]**

**Full Marks : 30**

*The figures in the margin indicate full marks.*

**Batch - III**

Answer *all* questions.

1. (a) On the basis of the given 1:50k topographical map —
  - (i) Delineate a drainage basin (approx. 30 km<sup>2</sup>) of the specified stream.
  - (ii) Calculate the relative relief and prepare a relative relief map for the same basin.
  - (iii) Interpret the given map.
- (b) Draw a projected profile on the basis of the three serial profiles on lines (6 km) marked on the given map and interpret the nature of land surface. (2+6+2)+(1+3+1)
2. (a) Measure the dip amount and dip direction of the given plane using a clinometer.
- (b) Identify the three given specimens of rocks and minerals mentioning any two identifying characteristics of each. (2+2)+[(1+½+½)×3]
3. Viva voce based on Laboratory Notebook.