

**U.G. 1st Semester Examination - 2020****GEOGRAPHY****[HONOURS]****Course Code : GEO-H-CC-T-02****(Cartographic Techniques and Geological Map Study)****[NEW SYLLABUS under CBCS]**

Full Marks : 40

Time : 2½ Hours

*The figures in the right-hand margin indicate marks.**Candidates are required to give their answers in their own words as far as practicable.*

1. Answer any **five** from the following:  $2 \times 5 = 10$
- What is bedding plane?
  - Mention the advantage of diagonal scale.
  - What is standard parallel?
  - Differentiate dip from strike.
  - Define Geoid.
  - What is constant of cone?
  - What is throw?
  - Write two salient characteristics of Magnetite.

2. Answer any **two** from the following:  $5 \times 2 = 10$
- Mention the advantages and disadvantages of comparative scale of map.
  - State about the unconformity in geological records.
  - Specify the identifying characteristics of Quartz and Mica.
  - Bring out the differences in reference scheme of old and open series toposheet of SOI.
3. Answer any **two** from the following:  $10 \times 2 = 20$
- Classify the map projections mentioning their bases and properties.
  - Discuss the nature of Cartography and comment on its relation with Geography.
  - Trace out the characteristic and significance of UTM Projection.
  - Make a brief account on thematic maps.

*[Turn Over]*