

**U.G. 2nd Semester Examination - 2022****GEOGRAPHY****[HONOURS]****Course Code : GEO-H-CC-T-04****(Cartograms, Survey and Thematic Mapping)****(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 surveying?
  - Define cartogram.
  - What are 3-dimensional diagrams?
  - What is true bearing?
  - What is the significance of demographic chart?
  - Why is Abneys Level used?
  - Differentiate bench mark from datum.
  - What is vernier constant?

2. Answer any **two** of the following:  $5 \times 2 = 10$
- State the characteristics and utilities of climograph.
  - Mention the characteristics and advantages of age-sex pyramid.
  - State the concept of bearing.
  - Describe the implications of landuse and landcover maps.
3. Answer any **two** of the following:  $10 \times 2 = 20$
- Discuss the classification methods for thematic maps based on the mapable data.
  - Explain the principles of construction, use and interpretation of isopleth maps.
  - Classify surveying with examples.
  - Write a note on adjustment of closing error by Bowditch's method in the Closed Traverse Survey by Prismatic Compass plotted by Parallel Meridian Method with an example.
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