

U.G. 2nd Semester Examination - 2020

GEOGRAPHY

[HONOURS]

(NEW SYLLABUS UNDER CBCS)

Course Code : GEOH/CC-T-04

Cartograms, Survey and Thematic Mapping

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** questions from the following:

2×5=10

- i) What is meant by *cartogram*?
- ii) What is *isopleth map*?
- iii) Transfer 170° to the Reduced Bearing value.
- iv) What is *true bearing*?
- v) Define *datum*.
- vi) Why is Clinometer used?
- vii) State two uses of Prismatic Compass.
- viii) What is the use of vernier scale in a Transit Theodolite?

[Turn over]

2. Answer any **two** questions from the following:

5×2=10

- i) State the concept of Thematic Map with illustrations.
- ii) Bring out the utilities and advantages of Ergograph.
- iii) Why are demographic charts and diagrams prepared?
- iv) Why is landuse/landcover map significant in geographical study?

3. Answer any **two** questions from the following:

10×2=20

- i) Write a short note on Choropleth Map highlighting its concept, utilities, advantages and disadvantages.
- ii) Mention the objectives and discuss the procedure of preparation of an Age-Sex Pyramid showing necessary data arbitrarily.
- iii) Make a comparative analysis highlighting advantages and disadvantages between *Rise-Fall Method* and *Collimation Method* in Dumpy Level Survey.
- iv) Describe different features of a Transit Theodolite.