

2019

B.Sc.

2nd Semester Examination
GEOGRAPHY (Honours)

Paper - C4T

(Cartograms and Thematic Mapping)

Full Marks : 40

Time : 3 Hours

*The figures in the margin indicate full marks.
Candidates are required to give their answers
in their own words as far as practicable.
Illustrate the answers wherever necessary.*

Group - A

Answer any five questions. 5×2

1. Differentiate isopleth from choropleth techniques of data representation. 2
2. What is meant by Synoptic chart ? 2
3. Define Hyetograph. 2

[Turn Over]

4. Define Nomograph. Highlight its application in Geography. 2
5. Define 'map' and 'atlas'. 2
6. What is Polygraph ? 2
7. Write the expanded form of the expression :

$$\sum_{i=2}^5 (x_i - 2)^2 \quad 2$$

8. Find the logarithm of 69.5846 and antilogarithm of 2.2455 using log and antilog tables respectively. 2

Group - B

Answer any *four* questions. 4×5

1. Define thematic map. Write down the typical elements of a thematic map. 2+3
2. Briefly discuss the importance of Geomorphological map. 5
3. Explain positive and negative exponent with example. 5
4. Describe the different steps of divided circle construction. 5

5. What do you mean by LULC ? How can a LULC map be prepared from a satellite image ? 2+3
6. How are different quantitative symbols employed to construct socio-economic maps ? Give examples. 4+1

Group - C

Answer any *one* question. 1×10

1. Briefly state the parameters to depict physiography of a region. How are morphological maps different from morphometric analysis ? Explain different types of serial profiles. 4+2+4
 2. Describe the steps of preparing choropleth map and Isopleth map. 10
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