



# PRABHAT KUMAR COLLEGE, CONTAI

## Question Paper

### B.Sc. Honours Examinations 2020

(Under CBCS Pattern)

### Semester-II

### Subject: GEOGRAPHY

**Paper: CC – 4 (T + P) (Cartograms & Thematic Mapping – Theory + Practical)**

**Full Marks: 20 (Theory) + 10 (Practical) = 30**

**Time: 3 hours**

*Candidates are required to give their answer in their own words as far as practicable.*

*Questions are of equal value*

Answer any **two questions** [within 250 words each] from **Part-A** & **one question** from **Part-B**.

#### **PART-A: Cartograms & Thematic Mapping (Theory)**

1. What do you mean by Scientific notation? How do you convert a number to Scientific notation? What are the advantages of Scientific notation?
2. What is Characteristics & Mantissa? How do you determine Characteristics & Mantissa with the help of examples?
3. Find the Logarithm of 4568.7 with the help of log table. Distinguish between natural scale & logarithm scale.
4. “Among all the methods the diagrammatic presentation is the most effective way to describe, explore & summarize a set of data”. – Explain it.

5. What are the basic principles of bar diagram? Classify the bar diagram with suitable bases.
6. What do you mean by dot map? Discuss the principle of construction, advantages & disadvantages of this diagram.
7. “Remote sensing data combined with field survey data can provide a unique and hybrid database for optimal mapping of land use and land cover”. - Explain it.
8. How are non quantitative data; different quantitative symbols and data & indices data employed to construct socio-economic map? Give example.

#### **PART-B: Cartograms & Thematic Mapping (Practical)**

1. What is choropleth map? Discuss the construction procedure of choropleth mapping.
2. What is isopleth map? Discuss the construction procedure of isopleth mapping.
3. What is Pie diagram? Explain their principle of construction and use.
4. The success of Dot map depends on the choice of the value'. - Elucidate the statement.