

**K-950**

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**GIS-504/DGIS-504**

**MAGIS/MSCGIS/DGIS/CGIS**

**Ist Semester Examination Dec., 2023**

**CARTOGRAPHY**

**Time : 2 Hours]**

**[Max. Marks : 70**

*Note :- This paper is of Seventy (70) marks divided into two (02) Sections 'A' and 'B'. Attempt the questions contained in these Sections according to the detailed instructions given there in. Candidates should limit their answers to the questions on the given answer sheet. No additional (B) answer sheet will be issued.*

**Section-A**

**(Long Answer Type Questions) 2×19=38**

*Note :- Section 'A' contains Five (05) Long-answer type questions of Nineteen (19) marks each. Learners are required to answer any two (02) questions only.*

**K-950**

( 1 )

P.T.O.

1. What challenges do cartographers face when mapping polar regions due to their unique characteristics ?
2. How have digital mapping tools, such as Google Maps, transformed the way we navigate and perceive space ?
3. Explain the role of geocoding in mapping applications and services.
4. Discuss the historical development of cartographic techniques, from early maps to modern mapping technologies.
5. What impact does cartography have on urban planning and design ?

### **Section–B**

**(Short Answer Type Questions)**      4×8=32

**Note** :- Section ‘B’ contains Eight (08) Short-answer type questions of Eight (08) marks each. Learners are required to answer any *four* (04) questions only.

1. What is cartography, and how has it evolved over time ?
2. Explain the significance of scale in map design and how it affects the representation of geographic features ?
3. What are the advantages and disadvantages of different map projections ?

4. What role does GIS (Geographic Information System) play in modern cartography ?
5. Describe the process of creating a topographic map and its key components.
6. Discuss the concept of map symbols and explain their importance in conveying information on maps.
7. How do cartographers deal with distortions when representing a three- dimensional Earth on a two-dimensional map ?
8. Explore the impact of technology, such as satellite imagery on contemporary cartography.

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