

A-1047

Total Pages : 3

Roll No.

GIS-507/DGIS-507

(MAGIS/MSCGIS/DGIS/CGIS)

(Recent Trends in Geo Informatics Part-I)

2nd Semester Examination, 2024 (June)

Time : 2:00 Hrs.

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 therein. *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.

1. Describe the uses of 3D GIS with suitable examples.
2. What do you mean by data modelling in GIS ? Explain with examples.
3. What are the advantages of electrical comparators over mechanical comparators ?
4. Define the following terms :
Line of collimation, axis of telescope, horizontal axis, bubble line, Principle focus of a lens, compound lens and magnification.
5. Explain basic concepts of GPS receiver and its components.

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. Write the different versions of cloud ?
2. How do you create a GeoExplorer web map ?
3. Uses of cloud databases ?

4. How Web Mapping is useful during natural disaster ?
5. Write a short note on geocentric datum.
6. What do you understand by Direct Angles ?
7. Write a short note on Specifications of Space Segment.
8. What do you mean by a datum ? Explain any one datum.
