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[Roll No.]

GIS-507/DGIS-507

MAGIS/MSCGIS/DGIS/CGIS

IInd Semester Examination Dec., 2023

**RECENT TRENDS IN GEO
INFORMATICS PART-I**

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.

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(1)

P.T.O.

1. What are the cloud consumers in a cloud ecosystem ?
2. Differentiate between SQL and NoSQL databases.
3. Explain uses and tools of 3D GIS with suitable examples.
4. Explain about the shape of the earth used for the coordinate systems. What is the difference between a spheroid and a geoid ?
5. Explain the temporary adjustments of a theodolite.

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. Define cloud technology.
2. What is Open Geo Information ?
3. Discuss Hybrid cloud.
4. What is the reference datum used by the open series maps of survey of India ?
5. Write a short note on Specifications of Space Segment.

6. What are Natural errors ?
7. What is Telescopic Gauge ?
8. What is geocentric datum ?
