

A-0441

Total Pages : 4

Roll No. -----

GIS-507/DGIS-507

Recent Trends in Geo Informatics Part-I

(MAGIS/MSCGIS/DGIS/CGIS)

2nd Semester Examination 2024(Dec.)

Time: 2:00 hrs

Max. Marks: 70

Note : This paper is of Seventy (70) marks divided into Two (02) Section 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.

P.T.O.

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Section-A

(Long-Answer-Type Questions)

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.

[2x19=38]

- Q.1. What is cloud GIS? Explain the development process of cloud GIS database.
- Q.2. What is Geoinformatics education? Explain recent trends of Geoinformatics in detail.
- Q.3. What is GIS modeling? Explain the vision of GIS modeling for future.
- Q.4. Explain the different types of measurement angles of Theodolites Survey.
- Q.5. What is GPS? Explain the various applications of the GPS in detail?

Section-B

(Short-Answer-Type Questions)

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.

[4x8=32]

- Q.1. Explain the applications of 3D GIS?
- Q.2. What is WGS84? What are the properties of WGS84?
- Q.3. What are the different types of coordinate systems?
- Q.4. Explain the web database development and editing process?
- Q.5. Explain the concept of geodesy?

P.T.O.

- Q.6. What is the difference between Nearfield and Farfield surveying?
- Q.7. What are the limitation of GPS in surveying?
- Q.8. Explain the user segment of the GPS in brief.
