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MGIS–601

MAGIS/MSCGIS IIIrd Semester Examination Dec., 2023

RECENT TRENDS IN GEO INFORMATICS

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.

1. What is the accuracy of open source lidar topography and bathymet processing software ?

2. What are LIDAR data mapping and its application ?

3. What are the different types of services available in Web GIS platform ?

4. Define client side approach. Explain advantages and disadvantages client side strategies.

5. Write an essay on the application of web GIS.

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 web GIS and discuss its objectives.

2. Write a brief note on Digitizer.

3. Briefly explain symbology encoding.

4. What do mean by Web 2.0 ?

5. What is the resolution of LiDAR data ?

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6. How are LiDAR data collected ?

7. Briefly explain disadvantages of LiDAR system.

8. What are the advantages of LiDAR system ?

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