

P-897

Total Pages : 3

Roll No.

GIS-507

Recent Trends in Geo Informatics Part-I

(MAGIS/MSCGIS/DGIS/CGIS)

2nd Semester Examination, 2023 (June)

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 therein. Candidates should limit their answer to the questions on the given answer sheet. No additional (B) answer sheet will be issued.

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.

(2×19=38)

1. What is GPS? Explain its three components in details.
2. What do you mean by projection? Explain any one projected coordinate system with neat diagram.
3. Explain precision and non-precision measuring instruments in details.
4. Differentiate between Spheroid and Geoid along with a neat diagram.
5. Describe uses of 3D GIS technology and tools used for 3D analysis with suitable examples.

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. (4×8=32)

1. What do you understand by cloud delivery model?
2. How do you create a Geo Explorer web map?
3. Define Cloud Computing and its benefits ?

4. Write a note on Digital Terrain Modeling?
 5. Explain types of linear measurement surveying with suitable examples?
 6. Enlist the sources of errors in a theodolite survey.
 7. Explain temporary adjustments in Theodolite.
 8. Define micrometer and its parts with a neat diagram. List down the types of micrometer.
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