

P-899

Total Pages : 3

Roll No.

GIS-509

Application of Geo Informatics Part-II

(for M.A. Student)

(MAGIS/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. Explain the purpose and process of terrain evaluation.
2. Describe endogenetic forces and exogenetic forces in detail.
3. Explain how remote sensing and GIS has been helpful in hydro-geomorphology.
4. Discuss the application of GPS in road and transportation in details.
5. Discuss the role of GPS in ensuring public safety against disaster.

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. Write a note on ancient technique of navigation and the instrument used.
2. Define Geo-informatics and Remote Sensing. Briefly describe the fields of science categorized within the Earth sciences.

3. Discuss the applications of GPS in Soil sampling.
 4. Write a short note on terrain mapping and its usage.
 5. What is watershed and how watershed analysis used in the management and planning of natural resources.
 6. Briefly discuss the application of GPS in environmental studies.
 7. Write a short note on surveying and mapping and how GPS has made it better.
 8. Write short note on any *two* of the following :
 - (a) Photogrammetry.
 - (b) Remote sensing.
 - (c) Electromagnetic Radiation.
 - (d) Surveillance.
-

