A-0442

Total Pages : 4 **Roll No. ----------**

GIS-508/DGIS-508

Applications of Geo Informatics Part-I

(For M.Sc. Student)

(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.

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. Discuss the role of Remote Sensing technology in soil and water conservation?

Q.2. How to Geoinformatics useful in soil erosion studies? Explain in detail.

Q.3. Explain in details the applications of Remote Sensing in geomorphologic studies.

Q.4. What are the advantage of Remote Sensing and GIS in watershed management.

Q.5. Explain GPS technology and its applications in environment and agriculture studies.

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. What are the spectral response characteristics of soil?

Q.2. How to Remote Sensing technology helps in land use mapping?

Q.3. What types of soil erosion Identifiable through Remote Sensing?

Q.4. What is conceptual framework of Geoinformatics?

Q.5. What is hydro Geomorphology?

P.T.O.

Q.6. How to develop Digital Elevation Model (DEM) using Satellite data.

Q.7. How to classified landform with the help of Remote sensing.

Q.8. Explain the role of GPS in roads and highways survey.

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