

P-907

Total Pages : 3

Roll No.

MGIS-602

Application of Geo informatics

(MAGIS/MSCGIS)

3rd 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. Describe the transformation process of soil formation.

2. Name a statistical method that is helpful to analyze soil reflectance.
3. How aerial photographs are used to produce the soil map?
4. Write the geological characteristics of the Radial Drainage pattern.
5. Briefly discuss the uses of GPS in wildlife monitoring.

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. List the method of soil formation.
2. Name a statistical method that is helpful to analyze soil reflectance.
3. Name some instruments which are helping to monitor soil moisture capacity.
4. How are ravines formed?

5. What are the components of RUSLE?
 6. List the favorable condition for wind erosion.
 7. How can you make an elevation map?
 8. How to manage gully erosion?
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