

S-804

Total Pages : 3

Roll No. -----

MGIS-602

Application of Geo informatics

(MAGIS/MSCGIS)

3rd Semester, Examination 2022(Dec.)

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.

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 x 19 = 38]

P.T.O.

- Q.1. Discuss the various spectral reflectance of soil properties.
- Q.2. Discuss the role of geo-informatics in Geomorphology.
- Q.3. What is the most popular approach of remote sensing in recent years to estimating soil moisture.
- Q.4. How aerial photographs are used to produce the soil map?
- Q.5. What are the components of RUSLE?

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 x 8 = 32]

- Q.1. Write a short note on weathering.
- Q.2. How is Geosciences related to Geomorphology?
- Q.3. Write a short note on drainage system.
- Q.4. What are the critical components of watershed management?
- Q.5. Name five source of geospatial data for disaster management.
- Q.6. Write a short note on Digital Elevation Model?
- Q.7. In electromagnetic spectrum which part is most suitable for vegetation mapping and why?
- Q.8. Briefly explain the role of geo-informatics in hazard management.
