S-802

GIS-603

Application of Geo informatics Part-IV

(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.   Explain the major factors for growth of forest.

Q.2.   Define Spectral Characteristics for Green Vegetation in Relation to Wavelength?

Q.3.   Elaborate forest management with suitable examples using remote sensing.

Q.4.   Explain the role of Remote sensing and GIS in Landslides disaster management?

Q.5.   Explain the GIS Technology for Disaster and Emergency Management?

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]

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Q.1. Write a short note on Web GIS?

Q.2. Briefly explain Enterprise GIS?

Q.3. What do you mean by change detection?

Q.4. What do you understand by supervised classification?

Q.5. Define Urban sprawl?

Q.6. How urban sprawling can be monitored by GIS.

Q.7. Write a short note on urban planning?

Q.8. Describe GIS applicability in planning and management of slum.

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