P-902

Roll No. ....

GIS-603

Application of Geo informatics Part-IV

(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. What are the three broad categories of forest in India.

2. Describe Composite Reflectance.

3. What do you understand by change detection. Explain how forest change detection and mapping can be done using remote sensing data.

4. Explain the role of Remote sensing and GIS in Flood management.

5. How does remote sensing help in disaster mitigation and prediction?

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 short note on 3D GIS.

2. Briefly explain Mobile GIS.

3. Define Urban planning.

4. What do you understand by unsupervised classification?

5. Write a short note on smart cities.

6. Define urban expansion.

7. Write a short note on slum.

8. Define image.

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