

A-640

Total Pages : 3

Roll No.

GIS-603

**APPLICATION OF GEO INFORMATICS
(PART-IV)**

(MAGIS/MSCGIS)

3rd Semester Examination, 2024 (June)

Time : 2:00 Hrs.

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 answers to the questions on the given answer sheet. No additional (B) answer sheet will be issued.*

Section-A

Long Answer Type Questions 2×19=38

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.

A-640/GIS-603

(1)

P.T.O.

1. How does geoinformatics aid in the study of spatial patterns and trends in social sciences ?
2. Discuss the application of geoinformatics in remote sensing and satellite imagery analysis.
3. Explore the role of geoinformatics in cadastral mapping and property management.
4. In what ways does geoinformatics contribute to smart city initiatives and the Internet of Things (IoT) ?
5. How can geoinformatics aid in the assessment and monitoring of climate change impacts ?

Section–B

Short Answer Type Questions 4×8=32

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.

1. How is geoinformatics utilized in disaster response ?
2. How can geoinformatics be used in assessing seismic hazards ?
3. Can you provide examples of geoinformatics applications in cadastral mapping ?
4. Explain the role of geoinformatics in transportation planning.

5. Discuss the use of geoinformatics in mineral exploration.
6. How is geoinformatics utilized in land-use planning ?
7. How is geoinformatics applied in environmental monitoring ?
8. Discuss the contribution of geoinformatics to watershed analysis.
