

C1047

Total Pages : 3

Roll No.

MGIS-02/PGDGIS-02/CGIS-02

Geographical Information Systems

Master / P.G. Diploma/Certificate in Geographical
Information-System

(MGIS/MAGIS/MSCGIS/PGDGIS/CGIS-16/17)

1st Year/1st Semester Examination, 2022 (June)

Time : 2 Hours]

Max. Marks : 80

Note : This paper is of Eighty (80) 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 Twenty (20) marks each. Learners are required to answer any Two (02) questions only.

(2×20=40)

1. Describe use, merits, and demerits of any three types of projections.

2. What is database in GIS? Define various types of data used in the GIS.
3. Explain the importance and applications of GIS.
4. Define Spheroid, Datum, Latitude, Meridian.
5. How GIS is useful in land resources management? Explain with suitable examples.

SECTION-B

(Short Answer Type Questions)

Note : Section 'B' contains Eight (08) short answer type questions of Ten (10) marks each. Learners are required to answer any Four (04) questions only. (4×10=40)

1. What is buffer and why it is used?
2. Describe various types of databases.
3. List 8 uses of GIS in disaster management.
4. What are digital inputs to a GIS? List 3 equipments those provide digital inputs to a GIS.
5. What is toposheet and describe its various uses?

6. What do you understand by spatial data?
7. What is datum? Describe various datum with reference to india.
8. Make a diagram of toposheet showing following features-
Contour, Railway line, Pakka road and canal.
