SET-A

Unique paper Code   : **61018518**
Name of the Course   : **B. Voc (Web Designing)**
Name of the Paper   : **Geographical Information System**
Semester   : **V**
Duration   : **3 Hours**
Maximum Marks   : **75**

Instructions for Candidates
1. Write the Roll No. on the top immediately on the receipt of this question paper.
2. **All questions are compulsory.**
3. All questions carry equal marks.

1. Define GIS. Discuss the historical background of GIS in detail.

Or

What is component of GIS? Explain the various components of GIS in detail.

2. What do you mean by GPS? Explain the various segments of GPS.

Or

Discuss the applications of DGPS in detail.

3. Discuss spatial and non spatial data in detail with suitable examples.

Or

4. What are Raster and Vector data model? Discuss advantages and limitations of Vector data model in detail.

5. Describe SQL and Discuss the various options of query in GIS with suitable examples?

Or

Explain the various elements of map layout.

6. Explain the various applications of GIS in forest monitoring and mapping.

Or

What is urban sprawl? How GIS is helpful in urban sprawl studies?