

6/12/2-22 (E)

[This question paper contains 3 printed pages.]

Your Roll No.....

Sr. No. of Question Paper : 6458

Unique Paper Code : 61018518

Name of the Paper : Geographical Information System (GEC-5.2)

Name of the Course : **B.Voc. (Web Designing / Software Development) (CBCS) 2022**

Semester : V

Duration : 3 Hours

Maximum Marks : 75

Instructions for Candidates

1. Write your Roll No. on the top immediately on receipt of this question paper.
2. Attempt **all** questions.
3. **All** questions carry equal marks.

1. What is GIS Used For? Elaborate your answer with suitable examples.

OR

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2

What are the Hardware and Software requirements of GIS. Write about any two GIS softwares.

2. Explain Global Positioning System (GPS) and its segments in detail.

OR

What is the difference between GPS and DGPS? Discuss their significance.

3. What are the different types of GIS Data?

OR

Differentiate between spatial and non-spatial data structure with suitable examples?

4. What is Overlay. Explain different types of Overlay methods.

OR

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3

Write a note on GIS Data Analysis with especial emphasis on Input and Output.

5. Define Land use Land Cover (LULC). How GIS is useful in LULC mapping.

OR

Why Forest monitoring is important. How do we utilize GIS in forest mapping and monitoring.