

S/12/18 : (Evening)

[This question paper contains 2 printed pages.]

Your Roll No.....

**Sr. No. of Question Paper : 2072**

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) 2018**

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 do you mean by GIS? Explain the various Components of GIS. (15)

**Or**

P.T.O.

What is GPS? Discuss its various principles in detail.

2. What is Data structure in GIS? Explain the various types of data structure. (15)

**Or**

Explain the vector data structure in detail.

3. What is Georeferencing? Explain the various steps of Georeferencing in GIS Software. (15)

**Or**

Explain the various editing methods in GIS.

4. Explain the various elements of Map output. (15)

**Or**

What do you mean by overlay? Explain the various types of Overlay.

5. What is Land use mapping? Discuss the applications of GIS in Land use mapping. (15)

**Or**

What do you mean by Urban Sprawl? Explain the applications of GIS in Urban Sprawl in detail.