

JK Lakshmipat University Jaipur
INSTITUTE OF ENGINEERING AND TECHNOLOGY

End Term (Retest) Examination, Feb 2022
Open Elective, Semester VII

Roll No.....

Course Code: CE1214 Geographic Information
System

Time: 2.0 hours

Max. Marks: 30

Instructions to students:

1. Write your roll number and Name on each sheet.
 2. Assume suitable data wherever required and mention it clearly.
 3. Writing appropriate units, nomenclature, and drawing neat sketches/schematics/ flow chart wherever, required are an integral part of the answer.
 4. Each question carries equal marks.
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Q. 1 Describe in detail the various components of GIS with their utility.

Q. 2. Write a detail note on the satellite program of India and its importance in GIS.

Q. 3 What is the need of integration of GIS with Remote sensing?

Q.4. Explain in detail the atmospheric effects on visible, infrared, thermal and microwave spectrum.

Q.5. What are the different activities of Disaster Management? Briefly explain the role of Remote sensing and GIS in management of Landslides.

Q.6. Explain various levels of measurement used for non-spatial data. Quote two example of each level of measurement.