

JK Lakshmipat University Jaipur
INSTITUTE OF ENGINEERING AND TECHNOLOGY

End Term Examination, April 2024
B.C.A., Semester IV

Roll No.....

Course Code and Name: CE1217
Geographic Information System Lab

Time: 2.0 hours Max. Marks: 20

Instructions to students:

1. Do not write anything other than your roll number on question paper.
 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. Write your answers in detail and it should be appropriate to the marks assigned for that question.
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1. What are the different components of GIS? (4)
{CO 1}
2. What do you understand by spatial and attribute data? (4)
{CO 2}
3. What are the different outputs of GIS software? (4.0)
{CO 3}
4. What are the advantages and disadvantages of vector and raster data? (4)
{CO 1}
5. How GIS software is useful in (i)Traffic Management (ii) Natural Resources Management and (iii) Flood control? (4)
{CO 3}