

C1060

Total Pages : 3

Roll No.

MGIS-601

Recent Trends in Geoinformatics

Master of Geo Informatics (MSc./MA GIS-20)

3rd Semester Examination, 2022 (June)

Time : 2 Hours]

Max. Marks : 80

Note : This paper is of Eighty (80) marks divided into two (02) Sections A and B. Attempt the questions contained in these sections according to the detailed instructions given therein.

SECTION–A

(Long Answer Type Questions)

Note : Section 'A' contains Five (05) long answer type questions of Twenty (20) marks each. Learners are required to answer any Two (02) questions only.

(2×20=40)

1. What are the recently developed RS and GIS advancements for disaster management?

2. Discuss web GIS with its usefulness and limitations.
3. Do you think web GIS is compatible with the modern world technology? Define with suitable examples.
4. Explain hyperspectral remote sensing with its use.
5. Discuss the recent developments in remote sensing technology with focusing on spatial resolution part.

SECTION-B

(Short Answer Type Questions)

Note : Section 'B' contains Eight (08) short answer type questions of Ten (10) marks each. Learners are required to answer any Four (04) questions only. (4×10=40)

1. What is the difference between Map server and application server?
2. Discuss 3D GIS with applications.
3. What does a GIS software do and what can it be used for?
4. Discuss some of the notable trends and advancements in the field of GPS.

5. What are the steps included in crowdsourcing?
 6. What is the role of GIS in environmental protection works?
 7. What is mobile crowdsourcing and how does it work?
 8. Discuss principle of Microwave remote sensing.
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