S-800

Total Pages : 4   Roll No. --------------

GIS-601

Recent Trends in Geo informatics Part-II
(MAGIS/MSGIS)

3rd Semester, Examination 2022(Dec.)

Time: 2 Hours   Max. Marks: 70

Note : This paper is of Seventy (70) 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 Nineteen (19) marks each. Learners are required to answer any two (02) questions only.

$[2 \times 19 = 38]$

P.T.O.

Q.1. Write a brief note about the advancements in the field of photogrammetry? What are the different types of optical remote sensing systems?

Q.2. List some of the latest developments of GIS tools in World Wide Web? Define Location Based Services (LBS).

Q.3. Write a short note about trends in GPS and explain its advantages and disadvantages over optical equipment like a total station.

Q.4. What are the major categories of data and information available in IBIN portal? Explain these categories.

Q.5. What is server side internet GIS? Write some advantages and disadvantages of server side internet GIS.

Section – B

(Short-answer-type questions)

Note: Section 'B' contains Eight (08) short-answer-type questions of Eight (08) marks each. Learners are required to answer any Four (04) questions only.

[4 x 8 = 32]

Q.1. Define the web processing service?

Q.2. What are the difference between LIDAR and RADAR?

Q.3. What are the different types of services available on Web GIS portal?

Q.4. Write a brief notes on client server architecture and its further implementation system.

Q.5. Write the steps to use Theodolite.

Q.6. How can differentiate between web and Desktop GIS?

Q.7.   What is the approach adopted in Open System Map for spatial data creation?

Q.8.   Discuss about the Geodetic Datum.

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