S-797

Total Pages : 3   Roll No. --------------

GIS-507/DGIS-507

Recent Trends in Geo Informatics Part-I

(MAGIS/MSCGIS/DGIS/CGIS)

2nd 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 x 19 = 38]

P.T.O.

Q.1. What is DBaaS? List down some popular DBMS options along with advantages and disadvantages of DBaaS.

Q.2. What do you understand by data modelling in GIS? Explain with suitable examples.

Q.3. Explain the advantages of electrical comparators over mechanical comparators.

Q.4. What do you understand by Coordinate System. Write a short note on Geographic coordinate system and Projected coordinate system.

Q.5. Define Cloud Computing and discuss the cloud service models in details?

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. Briefly explain the cloud technology and the cloud service models?

Q.2. How does GeoServer works. Write the process to create a GeoExplorer web map.

Q.3. What is datum? Explain types of datum with examples.

Q.4. Define 3D data and its uses.

Q.5. What is Digital Terrain Modeling?

Q.6. Define Transit Theodolite & Telescope?

Q.7. What is Geodesy and why it is used for?

Q.8. Write a short note on recent trends and developments in geoinformatics education.

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