

B.Tech. SEM -VI Info. Tech. 2014 Course (CBCS) : WINTER - 2018
SUBJECT : ELECTIVE – II GEOGRAPHICAL INFORMATION SYSTEM

Day : Saturday
Date : 17/11/2018

W-2018-2489

Time : 10.00 AM TO 01.00 PM
Max. Marks : 60

N.B.:

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Assume suitable data if necessary.
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Q.1 Explain various levels of measurement used for spatial data. Give example of these levels. [10]

OR

What is the need of GIS in map generation? How it improves the accuracy in map generation process? [10]

Q.2 How spatial data is measured? What are the factors those affects the reliability of spatial data? [10]

OR

Describe various errors that may occur in process of digitization of GIS data. [10]

Q.3 Explain the significance of image interpretation strategy. Give its application. [10]

OR

Write a short note on softwares and equipments used for GIS data. What are the deciding parameters to use particular equipment or software? [10]

Q.4 Discuss about the data collection of Terrain data by field surveying methods. [10]

OR

Briefly explain applications of Geocoding and Dynamic segmentation. [10]

Q.5 With suitable diagram explain architecture of Meteorological satellite system. Explain its various components. [10]

OR

Write a short note on 'Use of RADAR technology' in GIS. [10]

Q.6 What parameters GIS software developer should consider while developing GIS database software? [10]

OR

Write a short note on 'Changes in Geographical Information System technology'. [10]

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