

**Code No: 138GV****JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD****B. Tech IV Year II Semester Examinations, July - 2021****REMOTE SENSING AND GIS****(Common to CSE, IT)****Time: 3 hours****Max. Marks: 75****Answer any Five Questions  
All Questions Carry Equal Marks**

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1. Write and explain the types of aerial photograph. [15]
2. Explain in detail application of Aerial photo interpretation along with fundamentals of stereoscopy. [15]
3. Describe various elements of visual interpretation techniques. [15]
4. Discuss different components of Geographic Information Systems. [15]
5. Define map projection. Explain various types of Map Projections. [15]
6. Write comparison between vector and raster data structures. [15]
7. Explain briefly the types of raster data along with representation of raster data. [15]
8. Write a note on the following  
a) Field data  
b) Remote sensing data  
c) Meta data. [5+5+5]

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