

Code No: 127GY

R15

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech IV Year I Semester Examinations, February/March - 2022

REMOTE SENSING AND GIS

(Civil Engineering)

Time: 3 Hours

Max. Marks: 75

**Answer any Five Questions
All Questions Carry Equal Marks**

1. Write the elements of analytical photogrammetry. [15]
2. Discuss the fundamentals of stereoscopy and write the uses of stereoscope. [15]
3. Define sensor. Explain passive and active remote sensing. [15]
4. Discuss the commonly used map projections. [15]
5. Describe the representation of vector data. [15]
6. What is vector data model? Discuss the elements of vector data model. [15]
7. What is meant by source map? Write the importance of source map. [15]
8. Discuss in briefly digitising and scanning. [15]