P6	P6. P6.	P6. P6	P6	
	JAWAHARLAL NEHRU TECHNOLOGIC B. Tech IV Year I Semester Examination REMOTE SENSING (Common to CE, ime: 3 Hours ote: This question paper contains two parts A and B Part A is compulsory which carries 25 marks consists of 5 Units. Answer any one full questions. 10 marks and may have a, b, c as sub questions.	AL UNIVERSITY HYDER as, November/December - 20 AND GIS CEE) Max. M Answer all questions in P	017 (arks: 75	
	What is a Photo Mosaic? What are the various types of Photo Mosaic? What is a Polar Synchronous Satellite? Give notes on Active sensors and Passive sensor Explain the term 'Datum'. What are the types of Spatial elements in GIS?	1 \(\) \(\]]]	
j.	What is a 'Topology'? How to define 'coverage' in Vector data format? Define the term 'Grid' in a Raster data. Explain 'on screen digitizing'. Part-B (50 Mark What is Relief displacement? How to measure He	[2] [3]		
3.a) b) 4.a) b)	Explain the parallax measurement using fiducial long OR Explain the types of Aerial photographs and their Explain 'Scale' based on the geometry of vertical Explain the components of remote sensing with a Explain energy interactions with atmosphere.	line over a stereopair images. use in photogrammetry. aerial photograph.	[5+5] [6+4] [5+5]	
5.a) b) 6.a) b) 7.a)	Explain briefly the types of Resolutions of a Senso List the Indian Satellite and Sensor resolution char Explain the types of Map projections with necessar Compare Spatial data and Non Spatial data. OR Compare Geographic Projected System with Projections and Sensor resolutions of a Sensor Resolution Characteristics of the Indian Satellite and Sensor resolution Characteristics of Map projections with necessar Compare Spatial data and Non Spatial data.	racteristics. ry diagrams.	[6+4]	
b)	List and explain commonly used Map Projections a	along with its significance.	[5+5]	

