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		No	: Answer any FIVE full questions, choosing ONE full question from each module.	
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	(efine Microwave Radiometers. Explain the operation and applications in Remote Sensing.	
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	, (c. '	rite a short note on Photographic Cameras. (04 Marks)
			Module-4	
7	' a		ustrate the effective incorporation of Remote Sensing into a Project. (10 Marks	
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	1 2 3 3 4 4 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	1	Time: 3 h Note 1 a. Bi b. W 2 a. W Re b. Li the 3 a. Ex b. De i) v) 4 a. W b. Di c. III 5 a. De b. Bi c. De 6 a. W 7 a. III b. W	Seventh Semester B.E. Degree Examination, July/August 2022 Satellite Communication and Remote Sensing Max. Marks: 100 Note: Answer any FIVE full questions, choosing ONE full question from each module. Module-1 1 a. Briefly describe the historical development of Remote Sensing Systems. (10 Marks b. Write the comparison of Traditional and New users of Remote Sensing Image data. (10 Marks b. User Sensing in the treaty? List the advantages of Environment monitoring from Satellite Sensors. Discuss each of them. Module-2 3 a. Explain the major Spectral bands within the Electromagnetic Spectrum with diagram. (10 Marks b. Define the following terms and units of measurement applied to Remote Sensing: i) Radiant flux: ii) Radiance: iii) Emissivity: iv) Absorptance: (10 Marks b. Discuss the Thermal properties of Vegetation. (08 Marks b. Discuss the Thermal properties of Vegetation. (08 Marks b. Discuss the Thermal properties of Vegetation. (08 Marks c. Illustrate the characteristics of Atmospheric Scattering. (04 Marks c. Define Microwave Radiometers. Explain the operation and applications in Remote Sensing. (08 Marks c. Define Microwave Radiometers. Explain the operation and Azimuth Resolution of a Radar system. (10 Marks c. Write a short note on Photographic Camers. (10 Marks c. Write a short note on Photographic Camers. (10 Marks c. Write a short note on Photographic Camers. (10 Marks c. Write a short note on Photographic Camers. (10 Marks c. Write a short note on Photographic Camers. (10 Marks c. Write a short note on Photographic Camers. (10 Marks c. Write a short note on Photographic Camers. (10 Marks c. Write a short note on Photographic Camers. (10 Marks c. Write a short note on Photographic Camers. (10 Marks c. Write a short note on Photographic Camers. (10 Marks c. Write a short note on Photographic Camers. (10 Marks c. Write a short note on Photographic Camers. (10 Marks c. Write a short note on Photographic Camers. (10 Marks c. Write a short note on Photographic Camers. (10 Marks c. Write a short note

(06 Marks)

OR

8	a.	Explain the generalized procedure for the interpretation of Remote Sensing Imagery.	
		(10 Ma	ırks)
	b.	Describe the constraints in using Remote Sensing Data. (10 Ma	rks)
		Module-5	
9	a.	Discuss the Hierarchical Organization of Visual Interpretation Criteria. (10 Ma	ırks)
	b.	Illustrate the Elements of Visual Analysis. (10 Ma	irks)
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10	a.	With neat diagram, explain the processes in Color formation. (08 Ma	ırks)
	b.	Write a short note on Texture. (06 Ma	ırks)

Explain the different perspectives of the Multitemporal Analysis.