Seat No: - _____   Enrollment No: - _____

PARUL UNIVERSITY
FACULTY OF ARTS

M. Arts/ Midterm Examination 2022–23

Semester: - III   **Date: 28-07-2022**
Subject Code: - (15209207)   **Time: (2 hours)**
Subject Name: - (Remote Sensing (Practical))   **Total Marks: 50**

Instructions:
1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Create a word file with the screenshots of your answers.

A.	Do the following	(Marks)
1	Georeference the following – Dataset_2 and give appropriate Projection.	(10)
3	Digitize any 5 District Headquarters of Assam (Dataset_2) with appropriate methods.	(03)
4	Digitize the National Highways of Assam (Dataset_2) with an appropriate method	(03)
5	Digitize the Karimganj, Hailakandi, Silchar, Haflong, and Diphu districts of Assam (Dataset_2) with an appropriate method, and also add necessary information to its Attributes.	(09)
6	Calculate the area of the above districts, in sq kms (In Question no. 5)	**(05)**
10	Viva	**(20)**

*******************************All the Best*******************************

	Viva	(20)
1	What is Remote sensing? Give an example	
2	What is Electro Magnetic Radiation?	
3	What is an Electro Magnetic Spectrum?	
4	What are Digital Numbers? What is a False color composite?	
5	What are sensors? What are its two types?	
6	What are the two Multi-Spectral Scanners? Explain any one of them in brief	
7	What are the elements of visual interpretation?	
8	What are platforms? Name them.	
9	What is scattering? What are its types?	
10	What is satellite image? Name some satellites we use for GIS data.	