		(3 Hours) Total Marks: 80	
N.B.	2) A	uestion No.1 is compulsory. ttempt any THREE from the remaining questions. gures to the right indicate full marks.	
Q1.	(a)	What is GIS? Explain the components & integration of GIS.	[10]
	(b)	Define Vector Data Model. Explain the different types of Vector Data Model.	[10]
Q2.	(a)	What is topology? Using a simple diagram explain the three types of topological relationships in geographic data representation.	[10]
	(b)	What are the different types of elements of Raster Data Model? Explain briefly.	[10]
Q3.	(a) (b)	Write the differences between Raster Data Model & Vector Data Model. Define Remote Sensing Technologies. What are different types of Remote Sensing Technologies?	[10]
Q4.	(a) (b)	What do you understand by Satellite Images? Explain in detail. Describe Terrain Mapping with its features.	[10] [10]
Q5.	(a)	Explain Watershed Analysis in detail with suitable example?	[10]
	(b)	What are the different applications of Geocoding? Explain briefly.	[10]
Q6.	a) b) c) d)	Short Note (Solve Any Four) TIN Optical Sensor in Digital Elevation Models Variations of Geocoding Dynamic Segmentation	[20]
, CO	e)	Types of remote sensing	

Page 1 of 1