	b. Discuss the following: i) Image Rectification ii) Image Enhancement			
17	a. What are key components of GIS? Explain.	5M	CO 4	BL 4
	b. Represent the four important M's schematically, in application of GIS.	5M	CO 4	BL 4
	OR			
18	a. Explain the classification of GIS operations.	5M	CO 4	BL 3
	b. Describe the theoretical frame work and operations involved in Geographic Information System.	5M	CO 4	BL 4
19	a. Explain in brief the applications of GPS.	5M	CO 5	BL 3
	b. Discuss the GPS satellite signals and also its Importance.	5M	CO 5	BL 4
	OR			
20	a. Explain the differences between the static, kinematic and differential GPS.	5M	CO 5	BL 3
	b. Discuss the following i) Map Projection ii) Coordinate system	5M	CO 5	BL 3