

Introduction to GIS

October 10, 2014

Minor Test - CEL455

- Q. 1 (a) What is the role of Georeferencing in GIS?
(b) During which of the Lab. Exercise did you use the Georeferencing? What were the steps undertaken, explain with reasons? (2,3)
- Q. 2 (a) What is the role played by map projections in GIS?
(b) What projection system would you use for India to create the topographic sheets, explain the reason for the selection of the specific system? *conic* (2,3)
- Q. 3 (a) What do you understand by data model in GIS?
(b) Which are the common data models prevalent in GIS. Explain briefly and compare their plus and minus features. *vector & Raster* (2,3)
- Q. 4 Describe briefly the following *Spaghetti*
(a) Composite key
(b) Prime meridian *longi*
(c) Vertical Datum
(d) Metadata
(e) Small scale *more features* (1x5)