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B.E / B.Tech (Full Time) DEGREE END SEMESTER EXAMINATIONS, May 2013

B.E. Geoinformatics

Semester V

GI 9303 Cadastral surveying

(Regulation 2008)

Time : 3 Hours

Answer ALL Questions

Max. Marks 100

PART-A (10 x 2 = 20 Marks)

1. What do you mean by numerical cadastre?
2. Explain the importance of realty cadastre.
3. What do you mean by Rectangular coordinate system?
4. Explain about WGS 84.
5. What do you mean by FMB?
6. What is the use of Triangulation points in Cadastral surveying.
7. Explain the accuracy requirement of Land surveying.
8. What do you mean by Land title?
9. What do you understand from LIS?
10. Explain the Positive system in Land title?

Part B (5x16=80 Marks)

- (11) (i) Explain the need of maintenance in land record system. (8marks)
(ii) Explain the methods of town and rural land record survey? (8marks)
- (12) (a) Explain the use of Satellite images and ALTM in cadastral survey.
(or)
(b) Explain the issues of modernization of cadastral system in India (NLRMP).
- 13 (a) Explain the use of Photogrammetry in cadastral survey?
(or)
(b) Explain the use of GPS and Total station, in modern land administration.
- (14) (a) (i) Explain in software packages available for LIS (8marks)
(ii) Explain the area computation procedure in Land surveys. (8marks)
(or)
(b) (i) Explain the concept of Legal and revenue cadastre? (8 marks)
(ii) Explain disaster management and coastal zone management. (8 marks)
- 15 (a) (i) Explain the concepts of rectangulation survey? (8marks)
(ii) Explain the History of Cadastral System in India. (8marks)
(or)
(b) Explain international scenario of Cadastral survey and mention the procedure of any two countries.