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

GEOINFORMATICS ENGINEERING

SECOND SEMESTER

GI 8203 PRINCIPLES OF GEOINFORMATICS ENGINEERING

(REGULATIONS 2012)

Time : 3 Hours

Answer ALL Questions

Max. Marks 100

PART-A (10 x 2 = 20 Marks)

1. Define Geomatics.
2. What is the role of GIS in Geomatics ?
3. What is Epistemology ?
4. List the requirements for hand written notes.
5. What is the use of Data Transfer Standards?
6. What do you mean by ISO?
7. What is RMSE?
8. List the four generic measures of Data Quality.
9. What do you mean by Engineering Philosophy ?
10. What is the significance of Professional Equality ?

Part – B (5 x 16 = 80 marks)

11. a) i Explain in detail about the major constituents of Geomatics. (8)
a) ii Discuss about the various skills required for the manager for Problem solving. (8)
12. a) i Explain about the Gender and Age Inequality in detail. (16)

OR

- b) i Discuss about the Teamwork principles. (8)
- b) ii Elaborately discuss about the importance of Personal hygiene and Safety. (8)

13. a) i Explain in detail about the Environmental Impact Assessment and Public Hearing (16)

OR

- b) i Discuss about the International Geographic Data Standards. (16)

14. a) i Explain in detail about the evaluation of Attribute Accuracy (16)

OR

- b) i Discuss about the Data Security, User Rights and Limitations for the Geographic Data taken by the Nation. (12)
- b) ii What is the significance of Interoperability ? (4)

15. a) i Explain in detail about the Whistle Blowing. (8)
- a) ii What is the role of Safety and Protection ? (8)

OR

- b) i Discuss about the Compassion and Social Causes in detail. (16)