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B.E / B.Tech (Full Time) DEGREE END SEMESTER EXAMINATIONS, APRIL / MAY 2014

GEOINFORMATICS ENGINEERING

SECOND SEMESTER

GI 8203 & PRINCIPLES OF GEOINFORMATICS ENGINEERING

(REGULATION 2012)

Time : 3 Hours

Answer ALL Questions

Max. Marks 100

PART-A (10 x 2 = 20 Marks)

1. Distinguish Data and Information.
2. Define Geomatics.
3. What do you mean by Teamwork?
4. What is the Epistemology?
5. What is the use of Public Hearing?
6. What are all the characteristics of G- Governance planning?
7. Differentiate Accuracy Vs Precision.
8. What is RMSE?
9. What do you mean by Engineering Philosophy?
10. What is Professional Equality?

Part – B (5 x 16 = 80 marks)

- 11 i. Explain in detail about the major constituents of Geomatics. (8)
ii. Describe the characteristics used for Problem Solving? (8)
 - 12 a) i. Discuss in detail about the Gender and Age Inequality. (8)
a)ii. What are all the points to be considered for Field Work?(8)

OR

 - b) i. Explain the basics of Science, Engineering and Technology. (16)
b)ii. Discuss the characteristics of Rhetoric Communications. (8)
- 13 a) i. Explain in detail about the steps involved in EIA. (16)

OR

 - b) i. Discuss about the components of Geographic Data Standards. (16)
- 14 a) i. Explain in detail about the evaluation of Attribute Accuracy. (16)

OR

 - b) i. Briefly Explain about the Data Security and Data Restrictions . (12)
b) ii. Write short notes on Interoperability? (4)
- 15 a) i. Explain in detail about the Obligation and Whistle Blowing. (16)

OR

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