

Roll No. ....

**2155**

**B. E. 4th Semester (Civil Engg.)**

**Examination – May, 2013**

**SURVEYING-II**

**Paper : CE-210-E**

*Time : Three Hours]*

*[Maximum Marks : 100*

*Before answering the question, candidates should ensure that they have been supplied the correct and complete question paper. No complain in this regard, will be entertained after examination.*

**Note :** Attempt any *five* questions out of *eight*.

1. (a) Explain with suitable examples Triangulation systems. 10  
(b) Classify the triangulation system. 10
2. What is error ? Explain with suitable example types of errors. 20
3. Explain the concept of G.I.S and G.P.S. with all components. 20
4. Explain with suitable example and suitable significance principle and photo interpretation. 20

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5. Write short notes on the following :

- (a) Trigonometrical levelling 10
  - (b) Astronomy. 10
6. (a) What is astronomical terms? Explain with significance 10
- (b) Types of Photographs. 10
7. (a) Explain refraction and curvature 10
- (b) Explain Flight Planning. 10
8. (a) Explain meaning of observation and its values. 10
- (b) Write short note on axis signal correction. 10