Reg. No. :										
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Question Paper Code: 31146

B.E. / B.Tech. DEGREE EXAMINATION, MAY 2017

Fourth Semester

Civil Engineering

01UCE406 - SURVEYING - II

(Regulation 2013)

Duration: Three hours Maximum: 100 Marks

Answer ALL Questions.

PART A - $(10 \times 2 = 20 \text{ Marks})$

- 1. Define reverse curve.
- 2. List out the different kinds of transition curves.
- 3. What are the different types of signals used in triangulation?
- 4. Name the different corrections to be applied to length of a base line.
- 5. State the law of weights.
- 6. What is meant by most probable values?
- 7. Define scale.
- 8. Write the sources of error.
- 9. Define sounding.
- 10. Give the significance of MSL.

PART - B (5 x
$$16 = 80 \text{ Marks}$$
)

11. (a) Explain with neat sketches the different types of horizontal curve. (16)

Or

- (b) Explain the setting out of transition curve by offset and angles method. (16)
- 12. (a) Explain in detail about the different triangulation systems with neat sketches. (16)

