

Student ID _____

JK Lakshmipat University, Jaipur
Institute of Engineering and Technology

End Term Examination

B. Tech. [III Year]/[V Semester]/[Academic Year 2013-2014]

Course Name: Surveying - II

Course Code: CE 504

Max Marks: 40

Time: 03.00 hr



Instructions:

1. Attempt all sections.

Section A

(10 Marks)

- Q.1. (a) Photo theodolite is a combination of And (1)
(b) Stefan Boltzmann laws says that (define all notations). (1)
(c) GPS and GIS represents the and, respectively. (1)
(d) is the most precise triangulation system. (First / second/ third order)(1)
(e) is one which has more chance of being true than has any other. (Most Probable/
True / Normal value) (1)
- Q. 2. (a) Define the various type of photogrammetry . (1.5)
(b) Define active and passive type of remote sensing. (1.5)
(c) Draw a neat sketch for finding building height when observation station and object are not in
same vertical plane and base of the object inaccessible. (2)

Section B

Attempt any four questions.

(20 Marks)

- Q.3 What is Flying height and elaborate the importance in photogrammetry?
Q.4 What are the various components of idealized remote sensing system?
Q.5 Define celestial sphere, Zenith and Nadir and celestial poles and equator.
Q. 6 What is satellite station?
Q. 7 On what factors selection of site for base line depends?

Section C

Attempt any one question

(10 Marks)

- Q.8 What are the various applications of Remote sensing?
Q. 9. Write the steps for extension of Base line.