

EASTERN UNIVERSITY, SRI LANKA

THIRD YEAR SECOND SEMESTER EXAMINATION IN AGRICULTURE – 2005/2006

(Feb/March, 2013)

AEN 3202 FARM STRUCTURES AND ELEMENTARY SURVEYING

(External Degree)

Practical Examination



Answer **all** questions.

Time: Two hours

Briefly discuss about the horizontal measurements used in surveying with suitable diagrams.

Briefly explain the sources and types of errors in surveying.

Briefly explain the steps involved in a chain surveying of a triangular plot with proper diagrams.

Assume that you are provided with an optical theodolite to measure a horizontal angle in survey process.

- a. Briefly discuss the steps involved in the measurement of a horizontal angle.
- b. Briefly discuss the temporary adjustments in a theodolite during the theodolite surveying.

Assume that you have been assigned to construct a storage structure to store grains.

Briefly discuss the important requirements to be considered for safe grain storage.