

EASTERN UNIVERSITY, SRI LANKA

FIRST YEAR, FIRST SEMESTER EXAMINATION IN AGRICULTURE – 2012/2013

AC 1101: INTRODUCTORY SOIL SCIENCE (2:20/20)

SEPTEMBER-2015

Time: One hour

Answer All Questions

This paper should be answered in English

- Q1) a. List out the active and passive factors of soil formation (20 marks)
- b. Explain about chemical weathering. (50 marks)
- c. Define the following pedogenic processes. (30 marks)
- i. Littering
 - ii. Calsification
 - iii. Eluviation
 - iv. Pedoturbation
 - v. Gleization
 - vi. Humification
- Q2) a. Write an account on soil survey. (50 marks)
- b. Briefly explain about soil taxonomy hierarchy. (50 marks)