

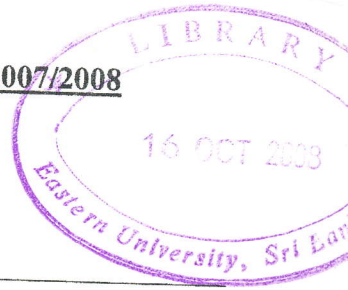
EASTERN UNIVERSITY, SRI LANKA

Second Year, First Semester Examination in Agriculture - 2007/2008

ACH 2101 - Soil Properties (3:30/30)

Time – Two hours

Answer All Questions



- 1) a) Briefly describe the properties and importance of soil colloids.
b) How will you regulate the temperature of a soil?
- 2) a) Discuss the electrochemical changes takes place in submerged soils.
b) Briefly explain the sources involving in soil acidification process.
- 3) a) How will you manage the soil structure in order to maintain the soil productivity?
b) “The cation exchange capacity is an important characteristic of a soil that affect the soil fertility” -Explain this statement.
- 4) Write short notes on the following;
 - a) Atterburg’s limit.
 - b) Sources of charges on silicate clays.
 - c) Importance of buffering action in soils.
