

EASTERN UNIVERSITY, SRILANKA

FIRST YEAR, FIRST SEMESTER EXAMINATION IN AGRICULTURE - 2005/2006

ACH-1101 PRINCIPLES OF SOIL SCIENCE

Answer all questions

Time allowed: **2 hours**

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1. Describe the followings;
  - a) The characteristic feature of podsolization process.
  - b) The formation of igneous rock.
  
02. List the great soil groups found in the Wet Zone of Sri Lanka and explain their properties, management practices of the above groups.
  
03. Discuss:
  - a) Role of passive factors in soil genesis.
  - b) Processes of soil horizon differentiation.
  
04. Write short on the followings:
  - a) The use of land capability classification system in agriculture.
  - b) New Comprehensive Soil Classification System.
  - c) Cleavage of minerals

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