



Final Examination- 2009 /2010

**AEI 3235 Land and soil tillage management**

Date : 31/03/2010  
Time : 14.00-17.00

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**SECTION II**

- (1) Briefly explain the importance of biological properties of soil on plant growth with suitable justification
- (2) Discuss the conservation practices which help to reduce the moisture losses from the soil in a coconut land.
- (3) Explain the structural practices of land management that can be used to maintain soil productivity through out the cropping season in the dry zone of Sri Lanka
- (4) (a) Write a short note on factors affecting on formation of saline soil.  
(b) How do you control soil salinity to increase productivity of a farm?
- (5) Briefly explain the different method of tillage to manipulate the soil to prepare seed beds.
- (6) (a) What are the causes of soil compaction  
(b) Write a short note on role of transplanting in crop husbandry.