

EASTERN UNIVERSITY, SRI LANKA

FINAL YEAR, FIRST SEMESTER EXAMINATION IN AGRICULTURE–2011/2012 (Feb.2014)

AGB 4107 : PLANT WATER RELATIONS (2: 15/30)

END SEMESTER EXAMINATION

Answer **all** questions

This paper should be answered in **English**

Time: **One hour**

1. a) Briefly discuss how osmotic adjustment solves several problems in cells.
- b) Outline the effects of concentration and composition of soil solution on the growth of plants.
2. Briefly explain:
 - a) The energy relations of transpiration in plants.
 - b) The efficiency of root systems affecting the absorption of water and minerals.
