

EASTERN UNIVERSITY, SRI LANKA

FOURTH YEAR, FIRST SEMESTER EXAMINATION IN AGRICULTURE – 2013 / 2014 (Oct. 2013)

AB 4101: 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 explain the energy relations of transpiration in plants. (60 marks)
- (b) Outline the effects of concentration and composition of soil solution on the growth of plants. (40 marks)
2. (a) How does the efficiency of root systems affect the absorption of water and minerals by plants? - Briefly explain. (40 marks)
- (b) Write down the mechanisms of water absorption in higher plants. (60 marks)
