

**EASTERN UNIVERSITY, SRI LANKA**

**FINAL YEAR, FIRST SEMESTER EXAMINATION IN AGRICULTURE – 2012/2013 (March 2015)**

**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) "Osmotic adjustment solves several problems for cells". Briefly explain this statement. (60 marks)

b) Briefly discuss the types of resistances affecting transpiration of a plant. (40 marks)

2.

a) How does the efficiency of root systems affect the absorption of water and minerals by plants? (40 marks)

b) In the light of recent researches, discuss the factors that affect stomatal movements in plants. (60 marks)

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