

**EASTERN UNIVERSITY, SRI LANKA**

**FOURTH YEAR, FIRST SEMESTER EXAMINATION IN AGRICULTURE – 2013 / 2014 (Sept. 2015)**

**AB 4104: STRESS PHYSIOLOGY (2:15/30)**

**END SEMESTER EXAMINATION**

Answer **all** questions

This paper should be answered in **English**

Time : **One hour**

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1. a) Outline various ways by which plants cope with salt stress. (50 marks)
- b) Write down the mechanisms that enable plants to resist drought with high tissue water potential. (50 marks)
2. Briefly explain the effects of ;
  - a) Water stress on photosynthesis of plants. (40 marks)
  - b) Temperature on root processes of plants. (60 marks)

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