

EASTERN UNIVERSITY, SRI LANKA

FOURTH YEAR, FIRST SEMESTER EXAMINATION IN AGRICULTURE- 2014/2015

(May 2017)

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

END SEMESTER EXAMINATION



Answer all questions

Answers should be answered in **English**.

Time: **One hour**

- a) How do plants evade salinity? – Briefly explain. (40 marks)
- b) Write down the mechanisms that enable plants to resist drought with high tissue water potential. (60 marks)
- a) Diagrammatically illustrate the progressive development of stress for a transpiring plant in a saturated soil which was allowed to dry over a period of several days. (40 marks)
- b) Outline various ways by which plants cope with high temperature stress. (60 marks)
