



EASTERN UNIVERSITY, SRI LANKA

SECOND YEAR, FIRST SEMESTER EXAMINATION IN AGRICULTURE – 2006/2007 (April 2014)

AGB 2101: PLANT PHYSIOLOGY (2: 15/30)

EXTERNAL DEGREE

END SEMESTER EXAMINATION (REPEAT)

Answer **All** Questions

This paper should be answered in **English**

Time : **One Hour**

1. Briefly explain;

- a) The benefits of photorespiration
- b) '*ATP synthase*' of photosynthesis
- c) Phloem transport in plants

2.

- a) Outline the process of CO₂ fixation in CAM plants.
- b) Write short notes on the following:
 - i) Osmotic theory of root pressure
 - ii) Partitioning of assimilates
