

EASTERN UNIVERSITY, SRI LANKA

Second Year, First Semester Examination In Agriculture –2010/2011 (Jan/Feb.2013)

AGB 2101: PLANT PHYSIOLOGY (OLD SYLLABUS)

END SEMESTER EXAMINATION

Answer All questions

This paper should be answered in English

Time : One Hour



1. a) Define the term "Water Potential".
b) Outline the reduction phase of the C 3 photosynthetic pathway.
c) List out the benefits of Photorespiration to plants.
d) Briefly explain the mechanism of phloem transport in plants.

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