

EASTERN UNIVERSITY, SRI LANKA

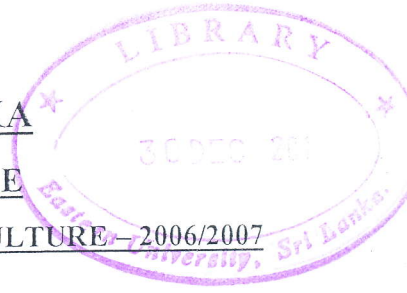
EXTERNAL DEGREE IN AGRICULTURE

SECOND YEAR, FIRST SEMESTER EXAMINATION IN AGRICULTURE – 2006/2007

(March / April – 2011)

AGB 2101: PLANT PHYSIOLOGY

END SEMESTER EXAMINATION



Answer **all** questions.

This paper should be answered in **English**.

Time: **One** hour

1. a. Define the term “**Water Potential**”.
 - b. “**Photorespiration is light dependent**”. Justify this statement.
 - c. Briefly describe the characteristic features of **bundle sheath** cells of C 4 plants.
 - d. Give a brief account on ‘**Guttation**’ in plants.
-
2. a. Outline the process of CO₂ fixation in C 4 plants.
 - b. Briefly explain the mechanism of ‘**Phloem Transport**’ in plants.
