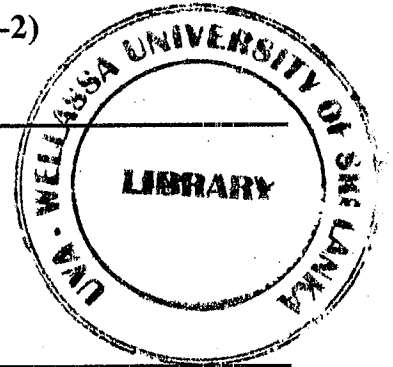


UVA WELLASSA UNIVERSITY OF SRI LANKA
FACULTY OF ANIMAL SCIENCE & EXPORT AGRICULTURE



BSc in Export Agriculture
BSc in Tea Technology and Value Addition
Second Year First Semester Examination – June/July 2017

Plant Physiology and Crop Production (EAG 251-2)
Section III– Essay Questions



Instructions:

Answer all questions in the given booklet.

No. of questions : Two (02)

No. of pages : One (01)

Time : One (01) hour

Total marks allocated : 50%

01. I) Using an appropriate diagram, briefly explain how assimilates are transported from a source to a sink. (12.5 marks)

II) Describe the components of water potential and the importance of the water potential concept in plant physiology. (12.5 marks)

02. Photosynthesis consists of two stages, the Light Reactions and the Calvin Cycle. Describe each stage by stating the inputs and outputs that go into/ produced in each stage.

(25 marks)

[End of section III]