



Uva Wellassa University
Faculty of Animal Science and Export Agriculture
BSc in Tea Technology & Value Addition



End Semester Examination - September/October 2013
Year III Semester II

Advanced Tea Physiology TEA 311-2

Instructions

Answer all the questions

No. of question : Two (02)

No .of pages : One (01)

Time : One hour (01)

Total marks allocated : 100%

Part III – Essay

Question 01

(50 marks)

Briefly explain **two (02)** of the following topics;

- i. Periodicity of shoot growth using a clearly labelled diagram.
- ii. The effect of temperature on shoot growth using clearly labelled diagram
- iii. The ecophysiological basis of growth and yield formation of tea with aid of a flow diagram.

Question 02

(50 marks)

Climate change has a significant impact on tea production.

Discuss the physiological adaptations of tea plant to the threats of climate change.