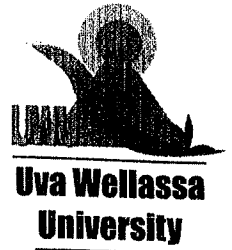


Uva Wellassa University
Faculty of Animal Science and Export Agriculture
B.Sc. in Tea Technology and Value Addition

End Semester Examination July/August 2016
Year III Semester I

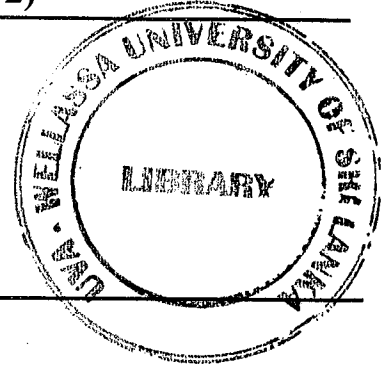


Advanced Tea Physiology (TEA 311-2)

Instructions

Answer all the questions.

- No. of questions : Two (02)
No. of pages : One (01)
Time : One hour (01 hr)
Total marks allocated : 60%



PART II – ESSAY

Question 01

Future climate is predicted to be warmer and drier than the present.

- a) Discuss the potential effects of climate change on tea physiology and yield. (35 Marks)
- b) Discuss the anatomical and/or morpho-physiological attributes that contribute to better survival of tea under drought conditions. (15 Marks)

Question 02

- a) Briefly discuss the importance of shade management in tea, emphasizing its positive and negative influences on key agronomic and physiological parameters. (25 Marks)
- b) Briefly discuss the factors that affect on biomass partitioning of tea. (25 Marks)