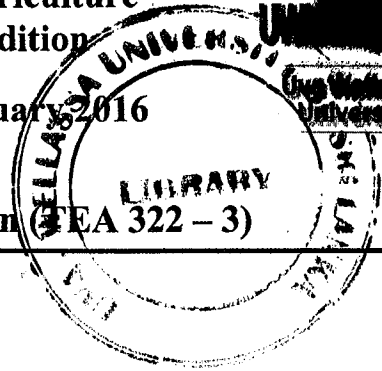


**Uva Wellassa University**  
**Faculty of Animal Science and Export Agriculture**  
**B.Sc. in Tea Technology and Value Addition**

**End Semester Examination January/February 2016**  
**Year III Semester II**

**Tea Process Engineering and Factory Automation (TEA 322 - 3)**



**Instructions**

Answer All questions.

No. of questions : Three (03)

No. of pages : One (01)

Total marks allocated : 60 %

Time : One Hour and Thirty Minutes (01 hr 30 Minutes)

**PART II - ESSAY**

**Question 1**

Explain how energy could be saved in trough withering process using VSD in tea manufacture. (20 marks)

**Question 2**

Briefly discuss on general maintenance practices required for machinery in a tea factory. (20 marks)

**Question 3**

Give methods to reduce firewood consumption in a furnace air heater in producing hot air for drying tea in a dryer. (20 marks)