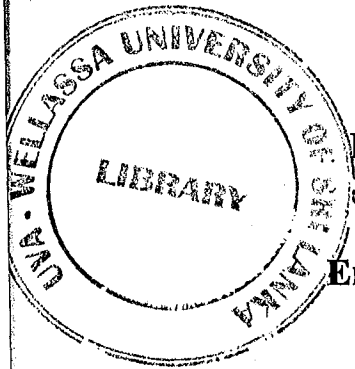




Uva Wellassa University
Faculty of Animal Science & Export Agriculture
BSc in Export Agriculture



End Semester Examination - February/March 2012
Year IV Semester I

Applications of Tissue Culture (EAG 411 -2)

Instructions

Answer **all** the questions

No. of question : Two (02)

No. of pages : One (01)

Time : One hour (1 hr)

Total marks allocated : 100%

Index No.

.....

Part II – Essay

Question 01

- a. Discuss different types of mutations which can occur in a plant cell. (30 marks)
- b. Write short notes on the followings;
- I. Somaclonal variation (10 marks)
 - II. Induced mutation (10 marks)
 - III. Chemical mutagens (10 marks)

Question 02

Describe with examples how tissue culture applications can significantly contribute to the improvement of Agriculture sector in Sri Lanka.

(40 Marks)