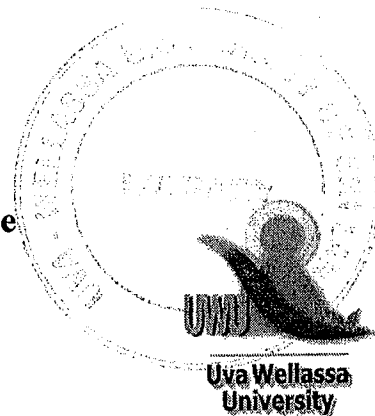


**Faculty of Animal Science & Export Agriculture
Uva Wellassa University
B.Sc in Export Agriculture
Year IV Semester I
End Term Examination- Dec/Jan 2010**



Applications of Tissue Culture (EAG 411-2)

Instructions

Answer all questions.

No. of questions : Two (02)
No. of pages : One (01)
Time : One hour (1 hr)
Total marks allocated : 100%

Index No:

Part II - Essay

Question 01

- i. Discuss the advantages of somatic hybridization as a crop improvement technique to improve crop species. (50 Marks)
- ii. Briefly discuss the following.
 - a. Methods of protoplast fusion (25 Marks)
 - b. Different categories of chimeras (25 Marks)

Question 02

- i. Explain how plant tissue culture can contribute to produce high quality planting materials. (60 Marks)
- ii. Explain the requirements for Cryopreservation (40 marks)