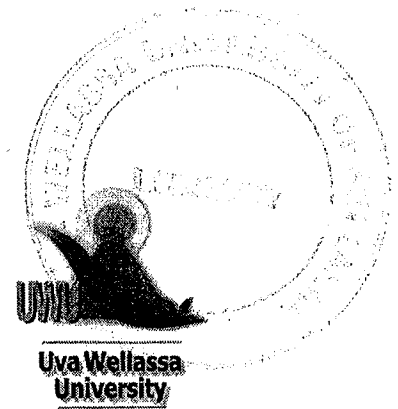


Faculty of Animal Science & Export Agriculture
Uva Wellassa University
B.Sc in Export Agriculture
Year III Semester I
End Semester Examination – Dec/ Jan 2010



Horticulture I (EAG 351-2)

Answer all questions.

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

Part II – Essay

Question 01

(i) Write short notes on followings:

- a. Kniffin System (25 Marks)
- b. Ways to over come constraints in fruit cultivation sector in Sri Lanka (25 Marks)

(ii) Briefly discuss the major requirements for tissue culture and growth cycle to produce a complete plant from a callus. (50 Marks)

Question 02

(i) Giving examples briefly explain the factors that favor cross pollination in horticultural crops (40 Marks)

(ii) a. Discuss the factors that affect on fruit set and development (45 Marks)

b. Briefly explain the measures to improve the fruit set and development in horticultural crops (15 Marks)