



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



End Semester Examination February / March 2012

Year III Semester I
Genetic Improvement of Perennial Crops (PLT 311-2)

Instructions

Answer **all** questions

No. of questions : Two (02)

No. of pages : One (01)

Total marks allocated : 50%

Time : One (1) hour

Part II – Essay

Question 1

Discuss the objectives so far achieved in coconut breeding in Sri Lanka and write an account on the breeding principles, parents used, specific traits and other characteristics of **three** of the improved recommended coconut cultivars in Sri Lanka.

Question 2

Explain the main conventional breeding and evaluation process briefly and discuss measures that can be taken to broaden the *Hevea* genetic pool / base.