



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

End Semester Examination August/September 2014
Year III – Semester II

Rubber Processing Technology II PLT 343-3



Instructions

Answer all questions

No. of questions : Four (04)

No. of pages : Two (02)

Time : Two hours (02 hrs)

Total marks allocated : 60%

Part II – Essay

Question 01

I. Write down the composition of fresh natural rubber latex.

(05 Marks)

II. Write a short account on composition and characteristics of the luteoid phase of fresh natural rubber latex.

(10 Marks)

Question 02

I. Give one example each for foaming machines used in batch wise and continuous production of natural rubber latex foam.

(05 Marks)

II. Write a short note on machinery used to prepare dispersions of powdered compounding ingredients.

(10 Marks)

Question 03

I. State three important features of rubberized-coir and name the machinery/equipment required for rubberized-coir mattress manufacturing process.

(05 Marks)

II. Write a short account on antioxidants used in latex compounding.

(10 Marks)

Question 04

I. What are the three principal dipping processes? Write a short note on one of the dipping processes giving an application for the same.

(15 Marks)