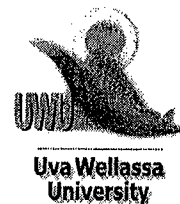




Uva Wellassa University
Faculty of Animal Science and Export Agriculture
B.Sc. in Palm and Latex Technology and Value Addition



End Semester Examination March/April 2013
Year IV Semester I

Timber Processing Technology (PLT 241-1)

Instructions

Answer all questions

No. of questions : One (01)

No. of pages : One (01)

Total marks allocated: 60%

Time : 30 minutes

Index No:

Part II – Essay

Question 1

- a) Explain simple diffusion treatment of rubber wood emphasizing chemicals use in diffusion process, seasoning and drying of wood. (20 marks)

- b) Discuss how the grain orientation and moisture content affect the thermal conductivity of wood (05 marks)

- c) Relate the specific gravity of wood to wood quality (10 marks)

- d) What influences the variation of specific gravity of a tree? (10 marks)

- e) A piece of wood containing moisture weights 205g, and after oven drying to a constant weight, it weights 110g. What is the percent moisture content? (12.5 marks)