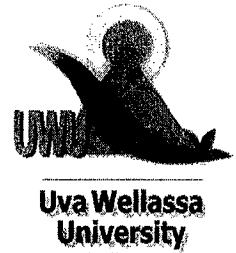


Uva Wellassa University  
Faculty of Animal Science & Export Agriculture

BSc. in Palm & Latex Technology & Value Addition

End Semester Examination – September / October 2012  
Year II Semester II



Timber Processing Technology (PLT 241-1)

**Instructions**

Answer **all** questions

No. of questions : One (01)

No. of pages : One (01)

Time : 30 minutes

Total marks allocated : 50%

Index No:

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**Part II - Essay**

**Question 01**

- I. Anisotropic behavior of wood determines its final properties. Justify this statement using mechanical properties, conversion methods and drying mechanisms of wood. (20 marks)
- II. Coefficient of thermal expansion of wood fiber is low compared to the same of plastic. Discuss importance of this in preparation of wood plastic composite. (10 marks)
- III. What are the two types of reaction wood? Explain how they formed with suitable illustrations. (10 marks)
- IV. Discuss importance of wood seasoning. What are the major parts of either progressive kiln or compartmental kiln? Discuss functions of each part. (10 marks)