



Uva Wellassa University, Sri Lanka
End Semester Examination – April 2011
SCT 325-2 Wood and Wood Based Product
Development and Techniques



Time: Two (02) hours

Total five (05) questions.

Answer four (04) questions only.

1. Write short notes on the followings.
 - a. Wood grain, wood figure and wood texture
 - b. Hard wood and soft wood
 - c. Timber seasoning defects
 - d. Sapwood and heart wood

(25 marks)

2. Explain the followings.
 - a. Wood parenchyma tissues (soft tissue) are important to identify timber species.
 - b. Fiber Saturation Point (FSP) of wood and Equilibrium Moisture Content (EMC) of wood

(25 marks)

3. Suppose that you have been nominated as a country representative for the Sri Lankan Timber Industry Association. Prepare a document describing present status of Sri Lankan Timber industry.

(25 marks)

4. Write an essay on Timber preservation.

(25 marks)

5.
 - a. Explain how radial longitudinal surface of hard wood is differentiated from tangential longitudinal surface of hard wood.
 - b. Explain how timber moisture content is determined by using oven drying method.

(25 marks)