

Puu-28.3015 Sawmilling and Sawnwood Products

Examination 14th December 2009

Answer all questions. 10 marks for each question

1. Explain briefly (1-2 lines), using diagrams or illustrations where appropriate, the following:
 - I. List the main steps in the manufacture of sawnwood
 - II. "Value adding"
 - III. What is meant by "STP" and "LTP"
 - IV. "High temperature drying"
 - V. How is X-ray technology used in sawmilling?
2. Write a short essay (1 page max.) about the multistage production planning of a sawmill
3. List and describe different features of drying quality and explain, giving 3 examples, where poor quality may be a problem in certain applications
4. Explain why measurement technologies are needed?
5. List levels of value adding described in Duncan Mayes (SET) lecture and briefly describe each