

Examination on Wednesday, 16. December 2009

Answer each of the four essays below. You may answer in English or in Finnish. Pay attention to the flow of the text and organize your text logically into paragraphs.

1. R&D of wood product industry; give an example and explain what happens, when projects are carried out in:
 - 1.1 basic research, (2 p) · KERRO-LVL
 - 1.2 applied research and (2 p) ·
 - 1.3 product development. (2 p) ·

2. Explain, what means a value chain of the wood product industry. When the new wooden product will be developed for the market, which are those four main steps? Which kind of challenges and barriers are typical? (6 p)

3. Which are the main differences between EN product standardization and European Technical Approval (ETA) of a new wood product. (6 p)

4. What is the Systematic Innovation Structure according Klus and Hirvensalo? How it should be completed in those four steps during the development process of the new product? (9 p)

Developed Research
Research *Utilizing*
Marketing *Business*
needs
changing
needs