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**TECHNICAL UNIVERSITY OF HELSINKI**  
**Chemical Pulping and Environmental Technology**

Course:  
**PUU-23.5000**

**Planning and Execution of Pulp and  
Paper Investment Project**

Student:

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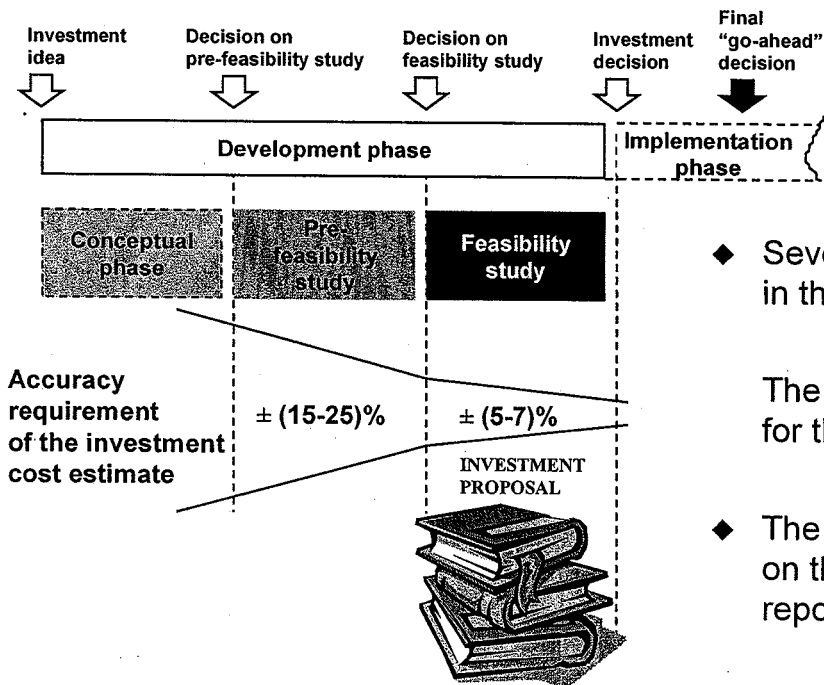
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# 1. QUESTION

## Investment planning process



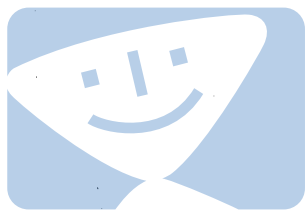
- ◆ Several investment alternatives in the pre-feasibility phase  
→  
The best alternative is chosen for the more detailed feasibility study
- ◆ The go-ahead decision will be made on the basis of the feasibility study report and investment proposal

The final approval of investment is preceded by the development phase. The objective of the development phase of investments is to compare different investment plans with each other and to produce all the material needed for decision-making. Studies in different areas are the key to a successful project. Describe the main areas of studies of the development phase.

## 2. QUESTION

a) Explain what are the five (5) main factors of a successful investment project.

b) Explain how to achieve the set goals of the successful project.

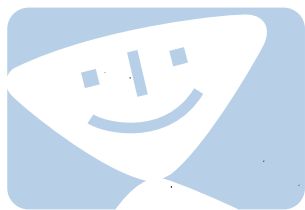


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**3. QUESTION**

a) Risk is an occasion that as probably and consequence. Explain what is the impact of risk

b) What are the benefits of systematic project risk management



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#### 4. QUESTION

a) Why pulp and paper industry is outsourcing engineering

b) What is WBS

c) What is purpose of expediting

d) describe Earned Value Method

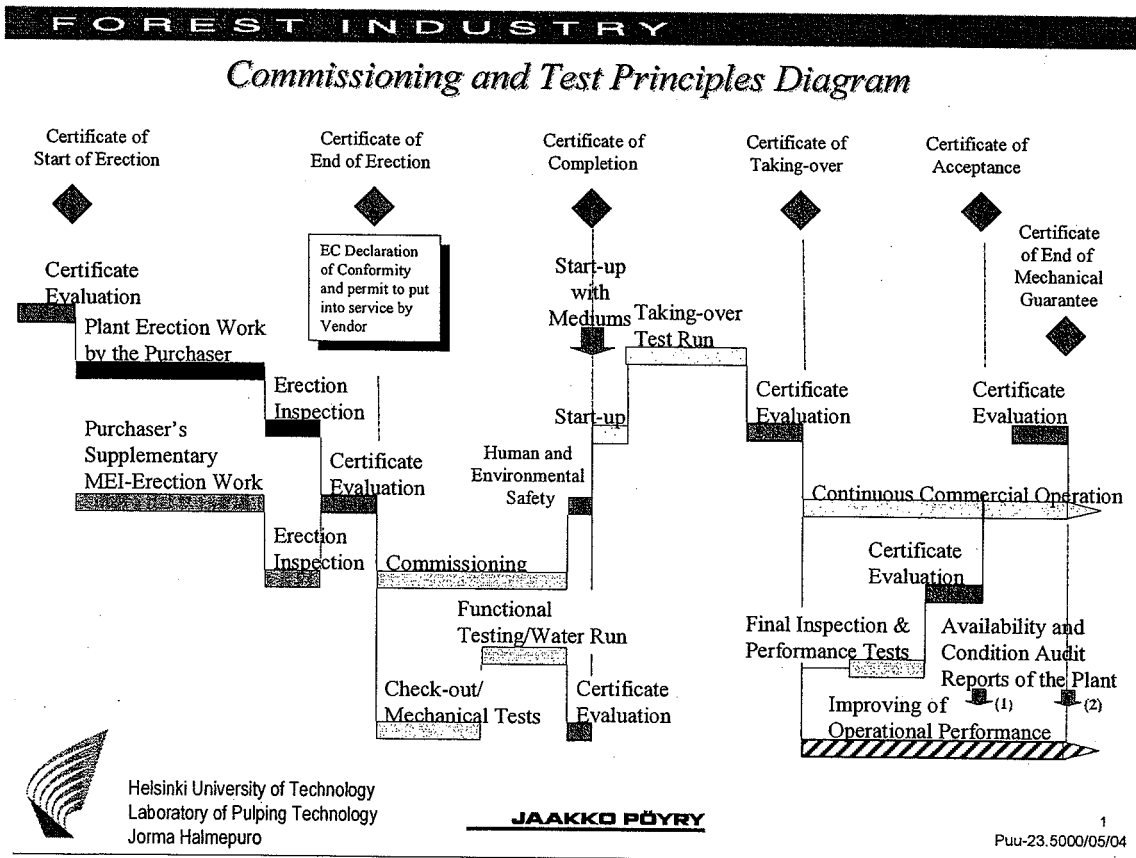


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5. QUESTION

Explain the following definitions:

- Start of Erection
- End of Erection
- Completion
- Taking-over
- Acceptance
- End of Mechanical Guarantee



**6. QUESTION**

Describe the project management processes?



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