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**AALTO - UNIVERSITY**

Course:

**PUU-23.5000****Planning and Execution of Pulp and Paper Investment Project**Student:

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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.

Compare EPC vs. EPCM implementation methods. What advantages and disadvantages?

a) What is definition for a PROJECT?

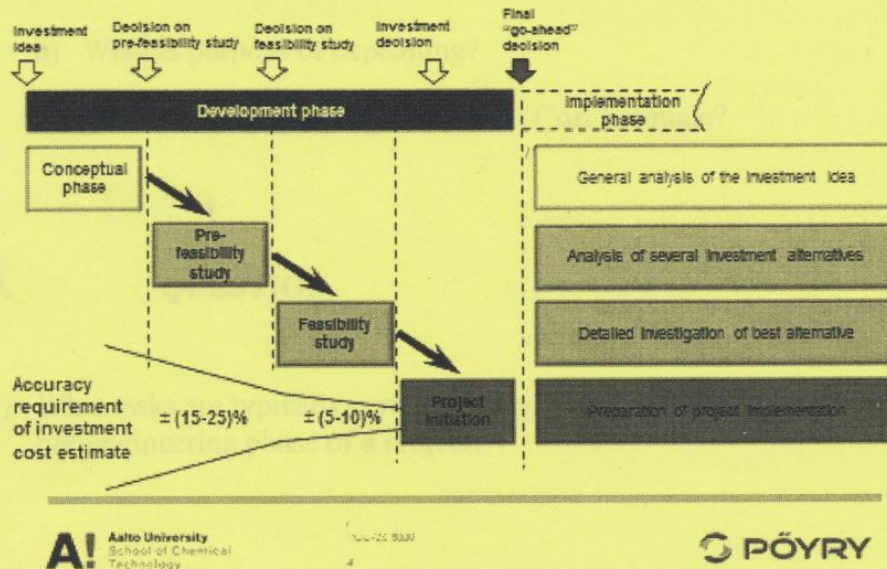
b) Which are project stakeholders?

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

1.

## QUESTION

## Investment planning process



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Describe the main areas of studies of the development phase.

2.

## QUESTION

Compare EPC vs. EPCM implementation methods. What advantages and disadvantages?

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## QUESTION

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- Which are project stakeholders?
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~~4.~~

**QUESTION**

- a) What is WBS?
- b) What is purpose of expediting?
- c) What is contingency in Investment Cost Estimate?

~~5.~~

**QUESTION**

- a) What tasks are typically carried out and deliverables provided in process engineering during pre-engineering phase of a project?

~~6.~~

**QUESTION**

In connection to Time Schedules, please explain what are:

- a) Duration Estimation
- b) Schedule Development
- c) Schedule Control