

Examination is made and graded by Sampsa Rauti.

During the exam you may not use written materials, calculators or computers. You may answer either in English or in Finnish.

- 1) Briefly explain the following concepts:
 - a) Software architect (2p)
 - b) Interface (2p)
 - c) Design pattern (2p)
- 2) Architecture description (6p)
How should the architecture be described and documented? Give some ideas, examples or analogies how to describe and on what level the description should be.
- 3) Message passing architecture (6p)
Describe the idea of message passing architecture. What are the potential problems with this architectural style? How about its strengths? Give an (typical) example of a message passing architecture.
- 4) Architectural evaluation (6p)
What is evaluation of a software architecture? What are the benefits obtained? Why do you think full architectural evaluation is not common in practice?