

SOE2007 Course Exam Questions

Exam will be a regular oral exam with a final grade according to a regular scale. Each course participant will be examined individually for 17 minutes. You will pick up a question from the following list. Prepare a presentation for which can last from 8-12 minutes. You will be allowed to bring your notes. After the presentation examiner as well as censor can ask further questions related to the course.

The main criteria for the evaluation are:

- (1) demonstrate an overview of the topic seen from both paradigms,
- (2) be concrete and specific w.r.t. selected methods, tools or similar relevant to the topic, and
- (3) compare the two paradigms and discuss pros and cons relevant to the topic.

The questions are:

1. Project management

Keywords: People, product and process management, agile values, and principles, agile teams

2. SCRUM

Keywords: comparing waterfall with SCRUM

3. XP

Keywords: comparing sequential approaches with XP

4. UP

Keywords: comparing sequential approaches with UP

5. Requirements

Keywords: traditional requirements vs. agile

6. Patterns and Refactoring

Keywords: Principles in patterns and refactoring, modelling

7. Risk Management

Keywords: risk management, techniques, agile approaches

8. Scheduling

Keywords: traditional vs. agile scheduling

9. Software Process Modeling

Keywords: Software process as programming, standard based processes, principles, pros, cons

10.CMMI

Keywords: Principles behind CMMI – process programming vs. agile

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