

SOFTWARE ENGINEERING COURSE (2007)

EXAM QUESTIONS:

1. Discuss software specification, design and implementation processes. (Chapter 4).
2. What is meant by architectural design, discuss in detail the architectural design decisions (Chapter 11).
3. Define application architecture. For an input-process-output model of a data processing system discuss data flow diagram of a payroll system (Chapter 13).
4. What is meant by Agile Method and what are its principles. Discuss extreme programming practices (Chapter 17).
5. Discuss dependable processes, why they are important in critical system development (Chapter 20).
6. What is static and dynamic validation and verification? Discuss planning verification and validation (Chapter 22).
7. What is involved in software cost estimation? Discuss estimation techniques (Chapter 26).

EXAM PROCEDURE:

There will be seven tokens, one for each question students draw one of the token and present selected question for 10 – 15 minutes. After the presentation Examiner and Sensor will ask question which could be from the topic presented or could be general questions from the software engineering course.