Operating Systems ID1206
Exam template
2018

Instruction

• You are, besides writing material, only allowed to bring one self hand written A4
  of notes.
• All answers should be written in these pages, use the space allocated
  after each question to write down your answer.
• Answers should be written in Swedish or English.
• You should hand in the whole exam.
• No additional pages should be handed in.

Grades

The exam is divided into a number of questions where some are a bit harder
than others. The harder questions are marked with a star \textit{points*}, and will
give you points for the higher grades. The exam is thus divided into basic
points and points for higher grades. First of all make sure that you pass the
basic points before engaging with the higher points.

Note that, of the 24 basic points only at most 20 are counted, the points for
higher grades will not make up for lack of basic points. The limits for the
grades are as follows:

• Fx: 12 basic points
• E: 13 basic points
• D: 16 basic points
• C: 20 basic points
• B: 22 basic points and 6 higher points
• A: 22 basic points and 10 higher points

The limits could be adjusted to lower values but not raised.
The question will mainly be on things that we have covered on lectures or are covered by the course literature but also directly related to the assignments that are part of the course.

1 Processes

Four basic and two *-questions on everything that is related to processes: creation, structure, memory areas, memory management, system calls etc.

2 Communication

Two basic and one *-question on everything related to communication between processes or threads within a process.

3 Scheduling

Two basic and one *-question on everything related to scheduling of processes.

4 Virtual memory

Two basic and one *-question on everything related to implementation of virtual memory.

5 File systems and storage

Two basic and one *-question on everything related to file systems.