

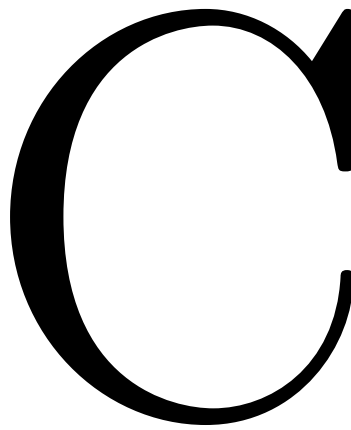
COURSE SE 350

Quiz IIc

March 17, 2010

1. What material did you use to prepare for the quiz? There only exist correct answers to this question. Please list a selection of (or specify other): Electronic version of Stalling's book, printed version of Stalling's book, another book, lecture slides, own notes, nothing. [1p]
2. Assume a system with virtual round-robin scheduling:
 - Explain the terms (1) ready queue, (2) processor, (3) I/O queue, and (4) auxiliary queue as they are used in the VRR. [8p]
 - Draw a diagram of how VRR uses these elements and explain at least five different transitions from one element to the other (i.e., explain the connecting line from the ready queue to the processor). [7p]
 - Explain the advantage of VRR over conventional round robin scheduling. [7p]

End of quiz. Total points: 23



Quiz guide: The exam consists of 2 questions listed on one page. The exam's total number of points is listed at the end. The quiz duration is 12 minutes. Note make sure you don't have the same quiz ID as any of your neighbours. If you have, say so immediately. **If you don't, you invalidate your score.**