

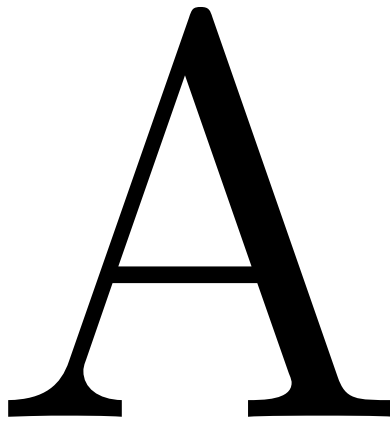
COURSE ECE354

Quiz I

February 8, 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): Stalling's book, another book, lecture slides, own notes, nothing. [1p]
2. List five elements of runtime information specific to your Project P1 that you needed to store for a process before performing the context switch. Describe the purpose of each element. Processor registers with a specific purpose will count individually, if you describe their use in one sentence. [5p]
3. Explain (1) the general concept of batch multiprogramming, (2) its principal objective, (3) why the concept serves the purpose of the objective, and (4) why batch multiprogramming was relevant at the time it was invented and is irrelevant to general-purpose computing today. One sentence per point. [4p]
4. Pick any three process states of the UNIX SVR4 Process Management and explain them. If you can't think of any, explain the UNIX SVR4 process states "Zombie", "Sleeping, swapped", and "Ready to run in memory". [3p]

End of quiz. Total points: 13



Quiz guide: The exam consists of 3 questions listed on one page. The exam's total number of points is listed at the end. The quiz duration is 15 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.**