Department of Mathematics and Statistics Semester 111

STAT301	Quiz 1	Saturday October 1, 2011
Name:	D	D #:
For all questions below, p	lease explain how you arrive	e at the final answer.

1. There are four system analysts, and you must assign three to job 1 and one to job 2. In how many ways can you make the assignment?

2. A manager wants to rank the top 3 finance officers in a company that employs 10 finance officers. In how many ways, can he arrive at the final ranking?

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3. How many different paths are there from A to C that go through B?