# Tut 0101 and Tut 0102 <br> Quiz 4 

## Thursday March 22

## No aids allowed.

1. Build a generating function for $a_{r}$, the number of distributions of $r$ identical objects into five different boxes with at most three objects in each box.
2. Find a generating function for the number of ways to make $r$ cents' change in pennies, nickels, dimes, and quarters.
