

CS3350 – Quiz 13
10 minutes / 10 points

November 10, 2014

NAME:

1. Consider the following grammar.

$$E \rightarrow E + T \mid T$$

$$T \rightarrow T * F \mid F$$

$$F \rightarrow 5 \mid (E)$$

Simulate the execution of the corresponding PDA on the following string: $5 + 5 * 5$.

2. Identify (following the method presented in class) the language recognized by the following automaton.