

CS3350 – Quiz 12
10 minutes / 10 points

November 5, 2014

NAME:

1. Is the following grammar ambiguous? Why?

$$\begin{aligned} E &\rightarrow E + E \mid T \\ T &\rightarrow T * T \mid F \\ F &\rightarrow 5 \mid (E) \end{aligned}$$

2. Given a PDA that recognizes some language L and a string s , what do you need to show to guarantee that s is not a string of language L ?

3. Given a PDA that recognizes some language L and a string s , what do you need to show to guarantee that s is a string of language L ?