

CS3350 - Quiz 14

November 12, 2014

10 minutes / 10 points

NAME: SOLUTION

Consider the following grammar.

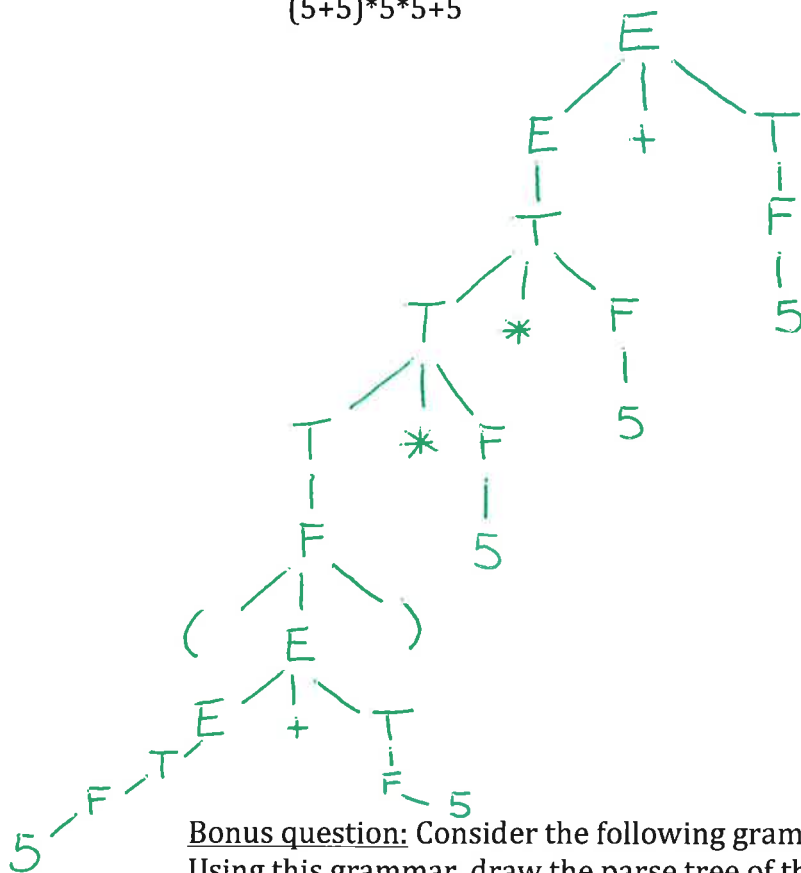
$E \rightarrow E + T \mid T$

$T \rightarrow T * F \mid F$

$F \rightarrow 5 \mid (E)$

Using the above grammar, draw the parse tree of the following string:

$(5+5)*5*5+5$



Bonus question: Consider the following grammar: $S \rightarrow a S b \mid ab$

Using this grammar, draw the parse tree of the following string: aabb.

