Assignment 4  
Ling 106  
Due March 4, 2002 in class

(1) Grammatical categories

Using the grammatical categories listed in the lexicon on page 2 of lecture note 3 (this is the note entitled “Syntax” and dated February 11, 2002), give the most plausible category for the nonsense words (shown in bold) in the following sentences. Briefly state the reasons for your choice.

a. I want **glork** live in a peaceful world.
b. That was a terribly **unbrikled** thing to do!
c. Sarah ran **plont** down the path to the little brook.
d. Why didn’t you tell me **ar** I needed to bring the map?
e. There she **skelded**, basking in the warm June sunshine.
f. **Zon** the evidence goes against everything you’ve just said!
g. I’m talking about the man **soten** the big red hat.
h. The giraffe was **prando** startled by the loud noise.
i. Bill considered himself to be **trndon**.
j. I can’t believe Fred went **dран** without telling me!

(2) Rewrite rules

a. Use the rewrite rules in section 3.2 of lecture note 3 (on page 5) to derive a tree structure that generates the string One sad sad dog ate candy. Assume also the following rules:

\[
\begin{align*}
det & \rightarrow \text{one} \\
adj & \rightarrow \text{sad} \\
noun & \rightarrow \text{dog} \\
noun & \rightarrow \text{candy} \\
transitiveVerb & \rightarrow \text{ate}
\end{align*}
\]

b. Use the rewrite rules in section 4 of lecture note 3 (on pages 5-6) to derive a tree structure that generates the string One sad sad dog ate candy.

(3) Presupposition and entailment

In Chierchia & McConnell-Ginet (1990):

a. Do Exercise 1 (pages 22-23), numbers 3, 5, 6, 8, 9, 10, 13, 14, and 15 only. The question is “does (a) entail (b)”? Justify your answers.

b. Do Exercise 2 (pages 27-28), numbers 3, 4, 5, and 6 only. For numbers 4-6, instead of answering the question in the book, answer the question “does (a) presuppose (b)”? In all cases, justify your answers.