Introduction to Linguistic Theory:
Assignment 8

This assignment is based upon the material presented in class during the tenth and eleventh week. It will be due on Monday April 22\textsuperscript{nd}.

(1) **Exercise 1** (50 Points)

Recall the following phrase structure rules that we developed in class:

\[
S \rightarrow \{ \text{NP, CP} \} \text{VP}
\]

\[
\text{NP} \rightarrow (\text{D}) (\text{A}^*) \text{N} \text{ (CP) (PP*)}
\]

\[
\text{VP} \rightarrow \text{V} \text{ (NP) (} \{ \text{NP} \} \text{, (CP) } \} \text{ (PP*)}
\]

\[
\text{PP} \rightarrow \text{P} \text{ (NP)}
\]

\[
\text{CP} \rightarrow \text{C S}
\]

Using these rules, please provide tree structures for each of the following sentences.

a. Some silly kid fell down.

b. Every girl kicked Tom in the face.

c. The big angry wasp stung a dumb dog.

d. That some men cry surprised the woman in line.

e. Dave told Bill the rumor that John ran out the door into the rain.

(2) **Exercise 2** (50 Points)

Consider the following sentence:

a. “Dave ran through the tube beside the rodent from the zoo.”

There are five different ways that the phrase structure rules in (1) can make this sentence. Furthermore, each of the five different ways of making the sentence corresponds to one of five different meanings the sentence can have. These five different meanings are paraphrased below:
b. Paraphrases of the Five Different Meanings of Sentence (2a):

(i) Dave’s running was through the tube, and also beside the rodent, and also from the zoo.

(ii) Dave’s running was through the tube, the tube was beside the rodent, and the rodent was from the zoo.

(iii) Dave’s running was through the tube, and the tube was both beside the rodent and from the zoo.

(iv) Dave’s running was through the tube, the running was also from the zoo, but the tube was beside the rodent.

(v) Dave’s running was through the tube, and the running was beside the rodent, but the rodent was from the zoo.

Please provide five different tree structures, each illustrating a different way that the sentence in (a) can be created by our rules. In order to help you draw the five different trees, consider the five different meanings in (b).

(Note: each tree structure is worth 10 points, so please draw as many as you can.)

(Note: don’t worry about saying which tree corresponds to which meaning; the meanings in (b) are meant as hint towards the trees)