

Ling 101

Problem Set 9

Name: _____

Due Monday, 5/5/08

TA/Assigned Section #: _____

Part I: Subcategorization

Each word is listed in the lexicon with a *lexical entry*, which includes its syntactic category, an underlying phonological representation, its meaning, and a sub-categorization frame. For example, the verb *devour* is listed in the lexicon with information similar to that shown in (1).

- (1) devour : category: V
underlying phonological representation: /divawr/
meaning: DEVOUR (*i.e.*, whatever 'devour' means should go here)
sub-categorization frame: [___ NP]

Your task is to provide sub-categorization frames for the words in (2–6) below. (Note: you do not need to list the other information that must also be contained in the lexical entry for each particular head; you're being asked to provide the sub-categorization frame(s) only.) **In formulating your answers, focus only on the given data.** You may be able to construct other examples indicating that additional sub-categorization frames exist for a given head, but ignore those for now.

- (2) expire
a. The milk expired.
b. *The milk expired the cheese.
- (3) threw
a. Pim threw the ball.
b. Pim threw the ball to Max.
c. *Pim threw to Max.
d. *Pim threw.
- (4) clean
a. Joey cleaned the kitchen.
b. Joey cleaned the kitchen for Becki.
c. Joey cleaned.
d. *Joey cleaned Becki the kitchen.
- (5) transfer
a. The transfer of money to the bank...
b. *The transfer money to the bank...
c. *The transfer money the bank...
d. The transfer of money...
- (6) bored
a. Panini is bored.
b. Panini is bored of Sanskrit.
c. *Panini is bored Sanskrit.

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Part II: Tree Structures

Section A

Draw the tree structure for sentences (2) and (3) only:

- ~~(1) The officer said that the accident injured that woman.~~
- (2) Bill reported that a student asked whether the eclipse would occur.
- (3) The police appeared happy that the criminal would surrender.
- ~~(4) Scientists will never accept the claim that the earth is flat.~~

Section B

For each of the sentences in (5–8), draw TWO structures: the Deep Structure tree and the Surface Structure tree.

- (5) Must the musician play that music?
- (6) Did the guitarist miss a note?
- (7) Does the singer know if the drummer can hear herself?
- (8) Who should the coach pick?
- (9) Who should pick the coach?