42 points total; 23 for #1, 2 for #2, 7 for #3, 1 for #4, 9 for #5

SENTENCES FOR PROBLEM #1

  (i)   What *seems* to have been *forgotten*?

 (ii)   They *want* you to eat your vegetables.

(iii)   A short round robot *tried* to *fly* evasively.

Problem 1. For each of the sentences in (i-iv):   **(23 points total)**

   a. **(1 point each, 5 points total)** For each *italicized* predicate, for each θ-role that the predicate assigns, list the θ-role (one of: Agent, Experiencer, Theme, Goal, Proposition) and indicate what constituent it is assigned to.

      Notes: Include whatever θ-roles are assigned by *v* or *n* as well as whatever θ-roles are assigned by V or N—as in the example tree.

   b. **(5 points for (ii), 4 each for (i & iii))** **Draw a tree**, showing where all the elements of the structure are after all of the movements are finished. **See the example tree.** No triangles. Where something moves, put traces in the tree at each position occupied by the moving element. **Connect** the initial trace (at the original Merge position) to each subsequent trace and to the final position of the moved element with arrows. (Also note, CP should be the top node.)

      Notes: You do *not* need to list all of the features for each head. Draw everything in full (adjunction, DPs, etc.), as on the example tree. No triangles.
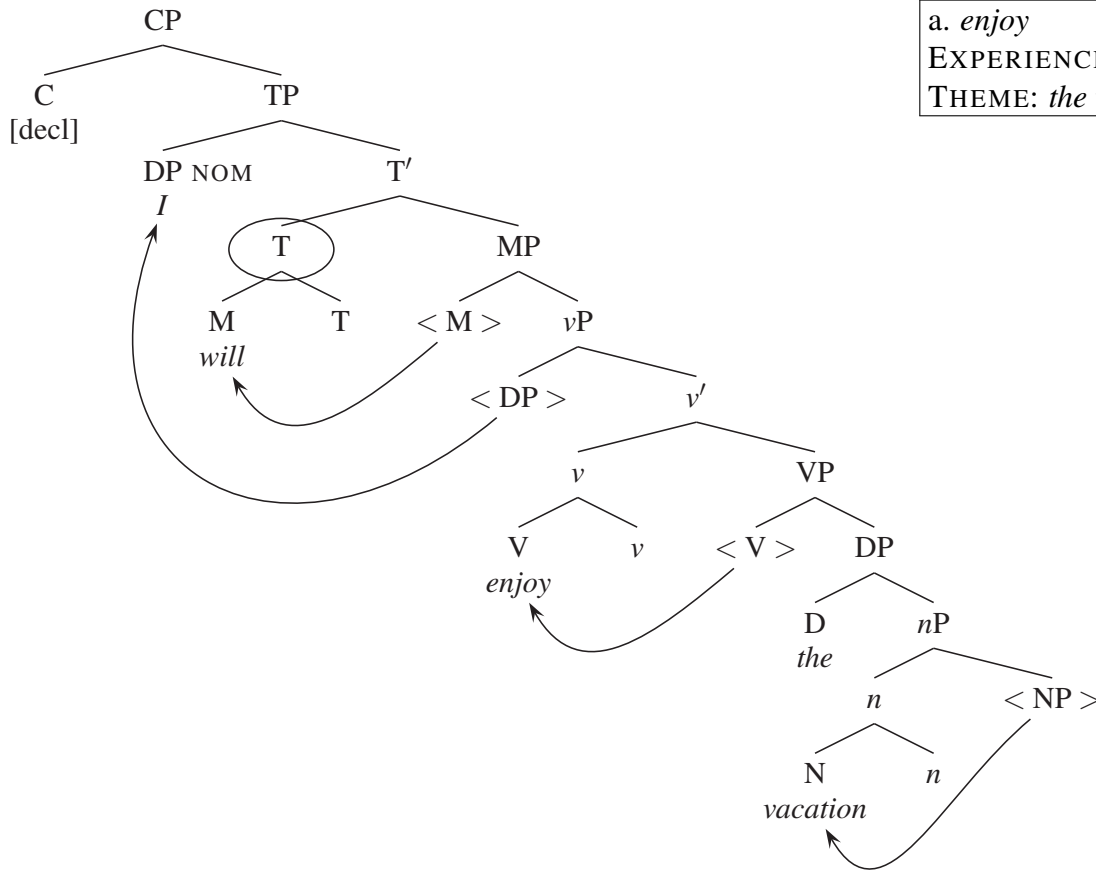
   c. **(1 point each, 5 points total)** On the tree you drew for part (b), for each underlined DP **circle the head** that checks its case feature. Then, **write the case it receives by the DP** (one of: nominative, accusative, genitive, of).

      Notes: If the head is a complex head, circle the top node (see example tree). If the head has moved away after checking the case feature, circle the trace that is in the position where the case feature was checked.

  Example tree on next page

Example for Problem 1: I will *enjoy* the vacation.

b.,c.

a. *enjoy*
EXPERIENCER: *I*
THEME: *the vacation*

CP
C [decl]
TP
DP NOM
I
T′
T
M *will*
T
< M >
MP
*v*P
< DP >
v′
v
V *enjoy*
v
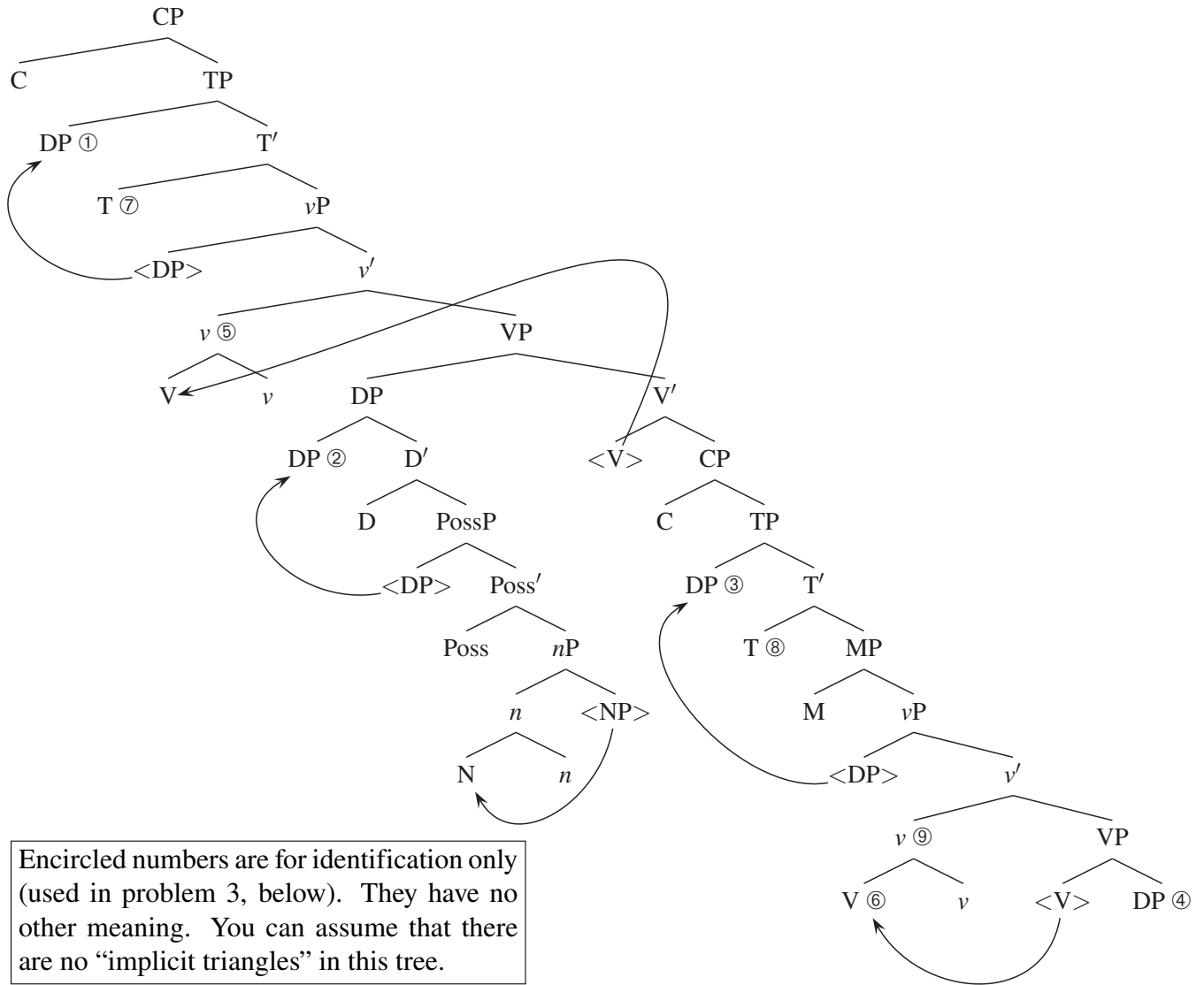< V >
VP
DP
D *the*
*n*P
n
N *vacation*
n
< NP >

Problem 2. (2 points) Suppose that there is a dialect of English, Shingle, that has all the same properties as English does (including vocabulary), except for the following:

a. Heads *follow* complements.

b. The [*u*wh] feature on interrogative C is not strong.

Write the Shingle translations of the following two English sentences (that is, put the words in the correct order for Shingle). *Note:* Shingle doesn't exist. But it could, in principle.

(i) Which book did Pat give to Chris?

(ii) Who has Pat ordered to leave?

Encircled numbers are for identification only (used in problem 3, below). They have no other meaning. You can assume that there are no "implicit triangles" in this tree.

Problem 3. (7 points) Concerning the tree above, on each of the following statements, write T if it is true, or F if it is false.

a. ___ DP ② is a Possessor.

b. ___ DP ① is an Agent.

c. ___ DP ④ is a Goal.

d. ___ V ⑤ (with *v*) is a raising verb.

e. ___ T ⑦ has a [tense:inf] feature.

f. ___ DP ③ c-commands DP ④.

g. ___ DP ② c-commands DP ④.

h. ___ T ⑧ values the case feature of DP ③ as nominative.

i. ___ T ⑦ values the case feature of DP ① as nominative.

j. ___ Poss values the case feature of DP ② as genitive.

k. ___ T ⑦ values the [*u*Infl:] feature of *v* ⑤.

l. ___ M must be "to."

m. ___ DP ③ is PRO.

n. ___ V ⑥ (with *v* ⑨) is unergative.

Problem 4. (1 point) Come up with an English sentence that the tree for problem 3 could represent.

Problem 5. (9 points; 1.5 per sentence × 6 sentences) For each of the ungrammatical sentences below, indicate what principle(s) of grammar is violated. It might be more than one.

- **Note:** Pay close attention to the *indices*.

- **Note:** Assume that the pronunciation matches the features: the problems are in the structures or the features in the tree, but not in how the features get pronounced.

- **Note:** Principles will be one of: Principle A, Principle B, Principle C, Hierarchy of Projection, uninterpretable feature unchecked (name the feature), island violation (name the island type, of CNP island, adjunct island, or *wh*-island).

i.   * It was expected Pat to have left this morning.

ii.   * She$_i$ told us that John$_j$ promised to introduce himself$_j$ to Mary$_i$'s agent.

iii. * What did Timmy$_i$ cry until Tammy$_a$ returned to him$_i$?

iv.   * I will be having driven home for an hour by then.

v.   * I know what Pat revealed the fact that Chris gave to me.

vi.   * Are they going to see what movie?