LX 422/722 Intermediate Syntax
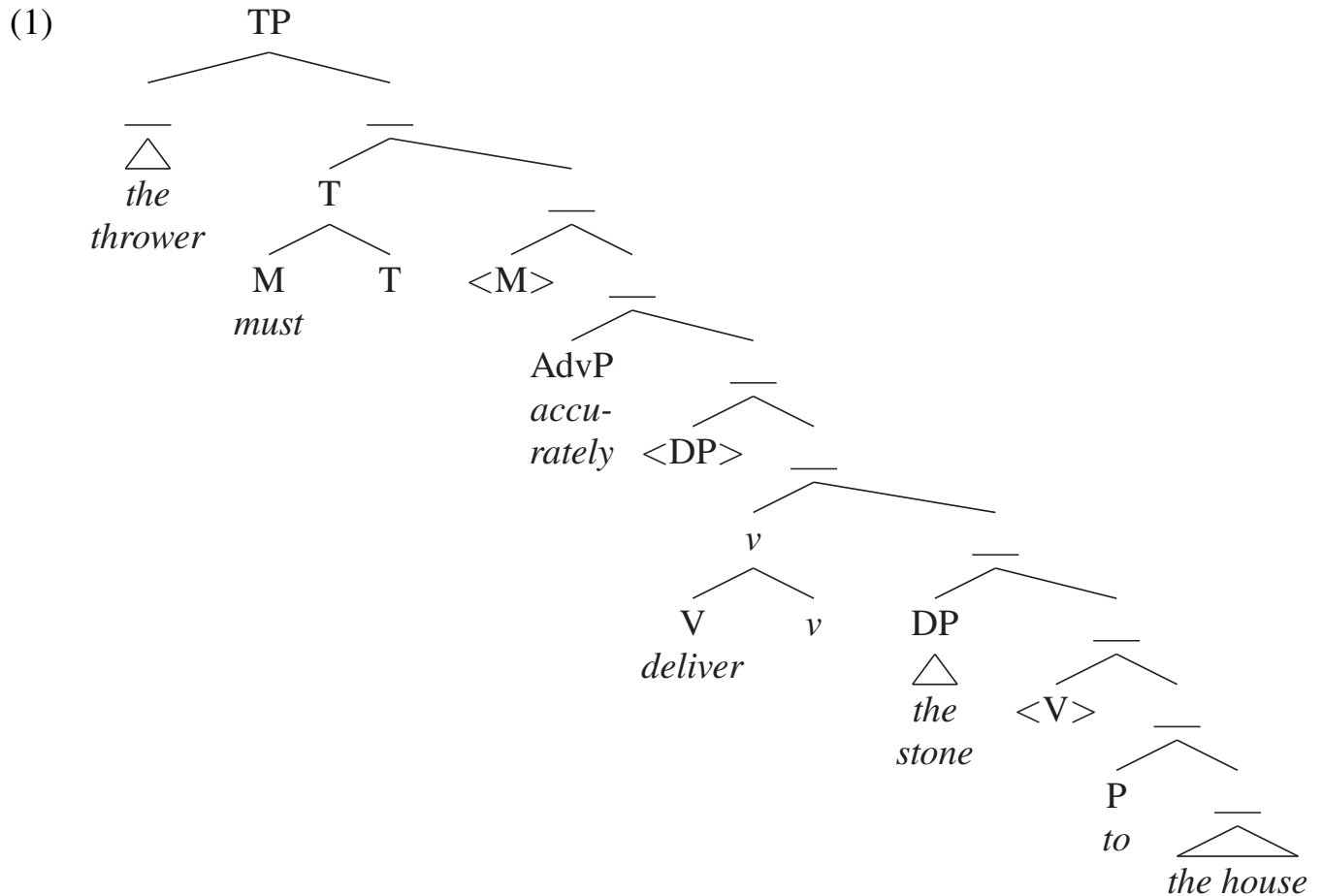Spring 2018

Midterm
PRACTICE edition

Budget your time. 24 points total. 50 minutes.
The number of points assigned to each part is indicated by a number in brackets.

1. [5] Fill in the missing labels for the nodes in the tree below. Use the standard "X-bar" notation (e.g., DP, *v′*, etc.).

(1)

```
                        TP
              _____
             /                   \
          △                     ___
         the                ____/___
       thrower             T        \
                      ____/___      ___
                     M      T     <M>  \
                    must          ___/_____
                               AdvP         \
                              accu-        ___
                             rately  <DP>  __/____
                                       v          \
                                   ___/___       ___
                                  V      v      __/____
                               deliver        DP        \
                                             △         ___
                                            the     __/____
                                           stone  <V>       \
                                                          ___
                                                        __/____
                                                      P        \
                                                     to       ___
                                                            __/____
                                                          △
                                                      the house
```

2. [4] Yes or No. In the sentence for which the structure is given in (1)...

(a) Is *accurately* occupying a specifier? _____

(b) Is *accurately* a head? _____

(c) Is *to the house* a Goal? _____
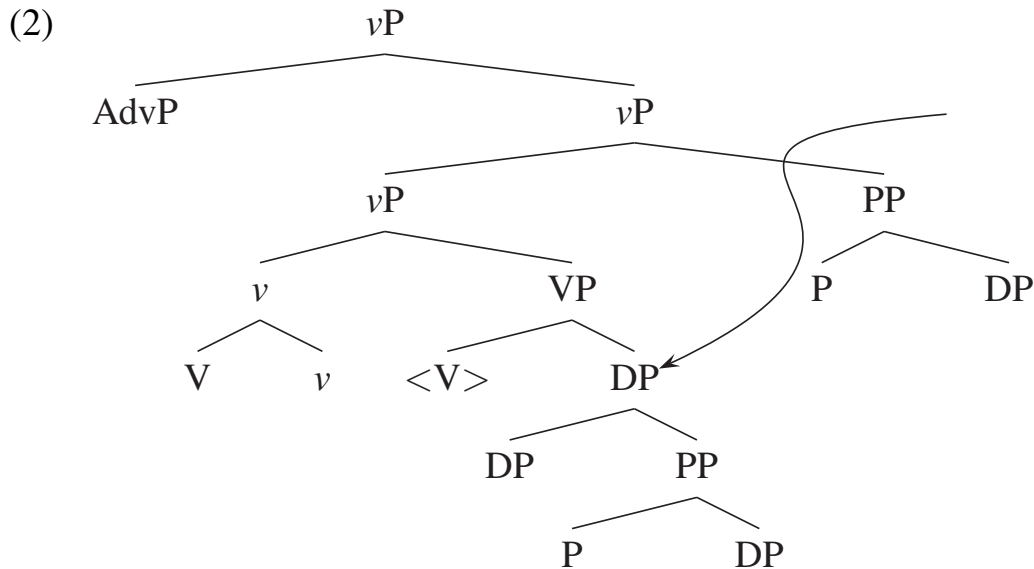
(d) Is *the stone* an Experiencer? _____

3. [1] Circle one. The verb shown in (1) above is...

ditransitive / transitive / unergative / unaccusative

4. [1] θ-role. Name the θ-role that *the thrower* has in (1). _____

5. Suppose we start building a structure for a sentence, and at a certain stage we wind up with a *v*P as shown (abstractly) below in (2).

> *Note*: In the tree below, you should see a DP with a PP adjoined to it. We will probably construct these kinds of DPs a little bit differently once we have started looking more closely at the internal structure of DPs.

(2)

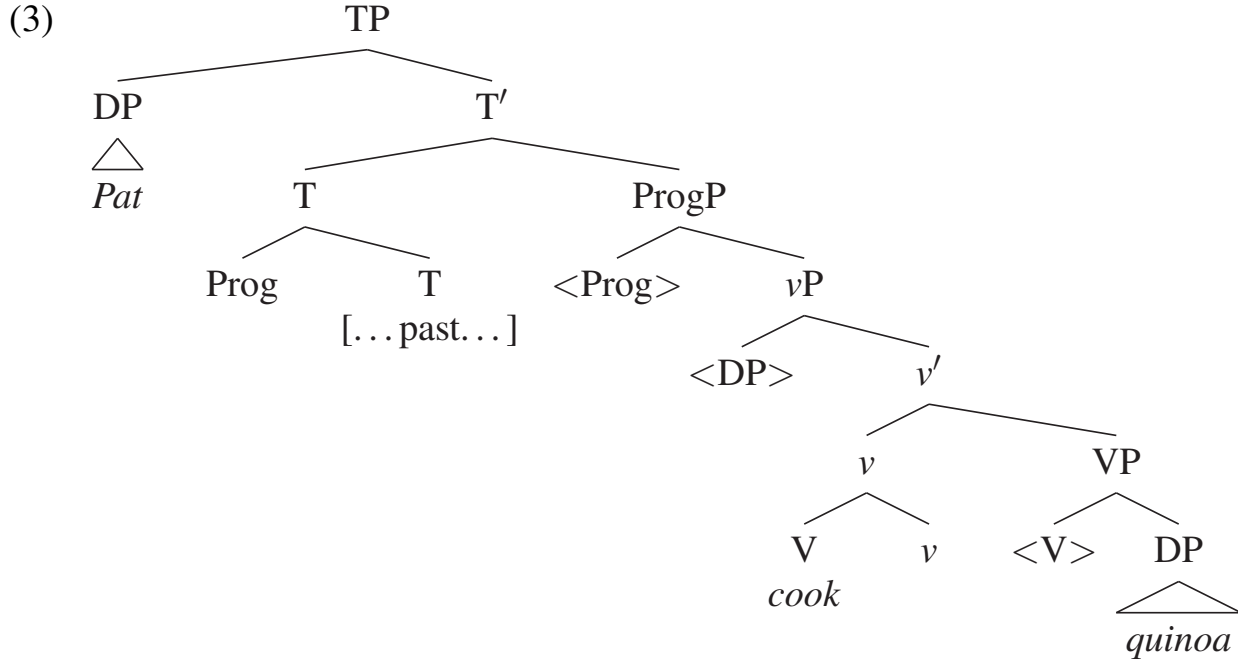(a) [1] Name the θ-role assigned to the DP at the end of the arrow. _____

(b) [1] How many times was Adjoin used? (Include the one attaching V to *v*.)

_____

(c) [1] How many [*u*D*] features were there—total—in these lexical items (not including the one on T that will be added later) initially?

_____

(d) [1] Which of the following three sentences might plausibly include the *v*P in (2)?

    1. Surprisingly there was pizza with pineapples in its crust.

    2. The ice on the sidewalks slowly melted in stages.

    3. Marbles often roll under the refrigerator with rapidity.

6. Suppose you had a sentence with the abstract structure given below in (3). I have provided the pronunciation of four syntactic objects: the DPs (*Pat* and *quinoa*), and the bare (uninflected) form of the verb (*cook*).

(3)

```
                          TP
          ┌───────────────┴───────────────┐
         DP                               T'
         △                   ┌─────────────┴─────────────┐
        Pat                  T                          ProgP
                      ┌──────┴──────┐            ┌────────┴────────┐
                    Prog            T         <Prog>              vP
                              [...past...]                ┌────────┴────────┐
                                                        <DP>               v'
                                                                    ┌───────┴───────┐
                                                                    v              VP
                                                              ┌─────┴─────┐   ┌─────┴─────┐
                                                              V           v  <V>         DP
                                                            cook                         △
                                                                                       quinoa
```

(a) [1] The verb shown in the structure in (3) (above) is...

<div align="center">ditransitive / transitive / unergative / unaccusative</div>

(b) [1] Draw arrows in the tree that show, for things that moved, where they moved from and to.

(c) [1] Write the sentence that this would be the structure for.

_____

(d) [1] What was the motivation to move V to v?

_____

(e) [1] v started with an unvalued [uInfl:] feature. What value does it wind up with?

_____

7. [2] Binding Theory I. Consider the sentence in (4), which is "trying to mean" *John told himself that Mary didn't omit him (John) intentionally*, and answer the questions about it listed below.

    (4)   * He$_i$ told John$_i$ that Mary didn't omit himself$_i$ intentionally.

  (a) [1] Which noun phrase(s) bind(s) *John* in (4)? _____

  (b) [1] Which Principle of Binding Theory is *not* violated in (4)? _____

8. [2] Binding Theory II. Now consider the sentence in (5), which is "trying to mean" *Mary convinced herself that she (Mary) would win*, and answer the questions about it listed below.

    (5)   * Mary$_i$ convinced her$_i$ that herself$_i$ would win.

  (a) [1] Which noun phrase(s) bind(s) *herself* in (5)? _____

  (b) [1] Which Principle of Binding Theory is *not* violated in (5)? _____