

Linguistics 101
Problem Set 5
Due Monday, 3/24/06 [after Spring Break]

Name: _____
TA Name: _____
Section #: _____

Part I: Writing in Rule Notation

Do #13, (a) and (c) only. [CL p. 106, Ch. 3] When naming the relevant process, choose from the following list (discussed in lecture): assimilation, dissimilation, feature-adding, epenthesis, deletion, or metathesis.

(a)

(c)

Part II: English Problem

Do #10, parts (i-iv) [CL p. 104, Ch. 3]

Part III: Canadian French Problem

Do all of #11 (parts i-iv). [CL p. 105, Ch. 3]

Notes: In part iii, one of the things you have to do is decide which allophone to use as the underlying form. You need to do this before you can write the phonological rule. The name you give your rule can be anything...but you should probably pick something related to what the rule actually does. You should write the name of this rule in the first column of the chart, in the row between "UR" and "PR." In part iv, note that you are being asked to give derivations for the **Canadian French** words, NOT the English glosses! The textbook indicates where the Underlying Representations for these words should go in the derivation chart using the word boundary symbols. (In lecture, I used the forward slash marks instead, to indicate "phonological representation.") Remember that the URs should only contain non-predictable information. You will need to figure out what the correct UR is for each word, based on the rule you formulated in part iii. Please write out the entire derivation chart in your answer to part iv.

Part IV: Tamil Problem

Do all of #15 (parts i and ii). [CL p. 107, Ch. 3] Also complete parts (iii) and (iv), which are not in your textbook:

(i)

(ii)

(iii) Write a single phonological rule that captures the generalization given in (i). (Hint: you will need to use \square -notation in your rule.)

(iv) Fill in the derivation chart for the Tamil words meaning 'fly' and 'break':

| | | | | | | |
|-----|---|---|-------|---|---|---------|
| UR: | / | / | 'fly' | / | / | 'break' |
| SR: | [|] | | [|] | |