

Name:

Student Number:

**ASSIGNMENT #5***Due on Thursday, March 24<sup>th</sup>, at the beginning of class*

1. Transcribe these words as you would pronounce them. Observe all possible articulations as indicated in the *Guide to Transcription Practices* handouts. Mark the primary stress.

- a. letter
- b. cocktail
- c. craziness
- d. mixture
- c. quickly

(3 points each =15)

2. Phonological problem:

**JAPANESE**

Consider the sounds [t] and [tʃ] in Japanese and determine whether they are allophones of the same phoneme, or represent two different phonemes. If allophones, state the complementary distribution; if phonemes, state the contrast. Argue for your solution. What phonological process is illustrated here?

1. tatami      *mat*
2. tegami      *letter*
3. tʃitʃi      *father*
4. shita      *under*
5. tʃizu      *map*
6. koto      *fact*
7. utʃi      *house*
8. te      *hand*
9. degutʃi      *exit*

(5 points)

3. Phonological problem:

2. **GALDE** (an African language)

In the following problem, separate the morpheme meaning *my* from the noun stem. Consider the variation in the resulting stems and account for it. What phonological process is illustrated here? Argue for your solution.

		<i>my</i>
fika	<i>cat</i>	fikaruk
tubi	<i>hut</i>	tubituk
laba	<i>shirt</i>	labafuk
hote	<i>stick</i>	hoteuk
sumi	<i>candle</i>	sumiguk
rako	<i>soap</i>	rakoluk
palu	<i>fire</i>	palusuk
tegi	<i>horse</i>	tegiuk
sama	<i>bride</i>	samauk
lato	<i>uncle</i>	latovuk

(5 points)

3. For each segment, if you change the value of the feature indicated, what new segment will be derived?

	Old segment:	Feature to be changed:	New segment:
Example:	[b]	[voice]	[p]
a.	[z]	[anterior]	
b.	[l]	[lateral]	
c.	[f]	[distributed]	
d.	[I]	[tense]	
e.	[t]	[continuant]	

(5 points)

4. In each group, eliminate the segment that does not belong. Explain your choice.

Example: I, æ, ɔ, ʌ      [ɔ] does not belong:      [+round]  
[I], [æ], [ʌ]      [-round]

- a. s, ð, dʒ, v
- b. ɛ, ʌ, ɪ, ɑ, ɔ
- c. b, k, d, g, p
- d. m, p, b, j, w
- e. x, g, N, f, ʏ

(5 points)