SPPA 2220 CHILD SPEECH SOUND DISORDERS
SAMPLE SECOND EXAM QUESTIONS

Calculation of Phonological Metrics
Compute the SSL, PCC, PMLU, and PWP for the following words (Answer 1 set, Y pts each)

	target	transcription	SSL	PCC	PMLU	PWP
house	haʊs	haʊt	3	1/2	4	5
tree	tri	wi	1	0/2	2	5
refrigerator	rɪˈfrɪdʒəˌretɚ	ˈfɪdəˌwetə	3	2/6	10	17
plate	plet	pet	3	2/3	5	7
TOTAL			10/4 = 2.5	5/13 = 38%	21/4 = 5.25	21/34 = .62

Compute the Percentage Process Usage, Percentage Other Errors, and Percentage Correct for the following words and phonological processes (Answer 1 set, Y pts each)

	target	transcription
king	kiŋ	ti
queen	kwin	kin
washing machine	ˈwaʃɪŋ məˈʃin	ˈwatɪn məˈtin
kangaroo	ˌkæŋɡəˈru	ˌtæŋɡəˈwu

	Percentage Process Usage	Percentage Other Errors	Percentage Correct
Velar Fronting	3/6 = 50%	2/6 = 33%	1/6 = 17%
Early Stopping	2/2 = 100%	0/2 = 0%	0/2 = 0%
Cluster Reduction	1/2 = 50%	0/2 = 0%	1/2 = 50%
Gliding	1/1 = 100%	0/1 = 0%	0/1 = 0%

Multiple Choice
Select the best answer to each question. Print each answer, using CAPITAL letters, inside the box provided (Answer X, Y pts each)

1. PCC is a general index of a child's severity of involvement
   A. true
   B. false

Short answer (Answer X, Y pts each)

8. The substitution pattern k→ m is considered to be a greater clinical problem than k→ t because

_____.

Match the text in the left column to the text in the right column (Answer X, Y pts each)

b   1.   homonymy   a.   bilabial

a   2.   visible sound   b.   omission error

Definitions (Answer X, Y pts each)

Briefly define the following terms *as they apply to the study of speech sound disorders*

- whole word accuracy
- PCC Early 8

Study Suggestions

1. Review your Treatment Goals Worksheet. Make sure you understand and can define each term used there. Make sure you can apply each concept represented by those terms.
2. Review the help file on "PROPH Profile" contained in CP. Go to the Main Menu, press H (for Help), press 8 (for PROPH), enter 7 (for PROPH Profile). This file summarizes all the independent and relational analyses that the software produces. You should be familiar with all these terms and with the analyses themselves. You should be able to perform calculations for various phonological metrics, as illustrated above.