

SPPA 142 ARTICULATION AND PHONOLOGICAL DISORDERS
SPRING 2003
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	hāūs	hāūt	3	1/2	4	5
tree	tri	wi	1	0/2	2	5
refrigerator	rɪfrɪdʒəretə	fɪdəwetə	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	wɑʃɪŋ məʃɪn	watɪn mətɪn
kangaroo	kæŋgəru	tæŋəwu

	Percentage Process Usage	Percentage Other Errors	Percentage Correct
Velar Fronting	3/4 = 75%	1/4 = 25%	0/4 = 0%
Early Stopping	2/2 = 100%	0/2 = 0%	0/2 = 0%
Cluster Reduction	2/2 = 100%	0/2 = 0%	0/2 = 0%
Liquid Simplification	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)

5. In the evaluation of a child who is highly unintelligible
- phonetic transcription will be impossible
 - a caretaker may be needed to gloss the child's productions
 - single word articulation tests are not recommended
 - all of the above

6. PCC is a general index of a child's severity of involvement
- true
 - false

Short answer (Answer X, Y pts each)

8. A vertical goal attack strategy is one in which phonological targets are worked on continuously until the child achieves a high rate of success.
9. An example of a word production with the sound change $k \rightarrow \text{ʔ}$ in medial position is "chicken" $t[\text{ɪ}k\text{ən}] \rightarrow t[\text{ɪ}\text{ʔ}\text{ən}]$.

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