

/92 points

Problem Set #1

A. (34 points) Fill in the boxes below with ALL the descriptive terms for the following IPA symbols (3 for most consonants, 4 for vowels) in the specified order.

1. [θ]			
2. [ʊ]			vowel
3. [ʃ]			
4. [ŋ]			stop
5. [æ]			vowel
6. [l]			
7. [ej]			vowel
8. [z]			
9. [p]			
10. [d̪]			

B. (7 points) Write the appropriate IPA symbol for the following descriptive terms.

- [] voiced bilabial nasal stop
- [] high front unrounded lax vowel
- [] voiceless labiodental fricative
- [] mid back rounded tense vowel
- [] voiceless alveopalatal affricate
- [] voiced alveolar stop
- [] voiced interdental fricative

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Problem Set 1

C. (10 points) Transcribe (broad transcription) the following words into IPA as you normally speak.

1.	lace	
2.	rise	
3.	cap	
4.	phone	
5.	silly	

D. (4 points) Using a narrow transcription, transcribe the following words into IPA as you normally speak (you must use at least 1 diacritic or special symbol for each word).

1.	little	
2.	tent	

E. (27 points) Fill in the consonant chart below for English consonants. If there is a distinction between voiced and voiceless consonants, write the voiceless consonant symbol to the left and the voiced consonant symbol to the right.

	Bilabial	Labiodental	Interdental	Alveolar	Alveopalatal	Palatal	Velar	Glottal
Stops (oral)								
Fricatives								
Affricates								
Nasals (stops)								
Lateral Liquid								
Retroflex Liquid								
Flap								
Glide								

F. (2 points EXTRA CREDIT) Below are words that have changed in pronunciation from the left to the right. Identify the phonetic process that has applied to the transcription in the right form.

1. sibilant: [sɪbələnt] → [sɪləbənt] _____

2. sixths: [sɪksθs] → [sɪkstz] _____

G. (10 points) Language Mini-Research Project

To answer the following, look under phonetics of phonology of your language in your resources. You can also use section Chapter 2, Section 10 in your book that shows a complete IPA chart (pp. 51-51) or visit this webpage: http://www.langsci.ucl.ac.uk/ipa/ipa_chart_C2005.pdf. Please indicate your sources (.5 Pts): Wikipedia Ethnologue About World Languages.com Other: _____

- 1.) (.5 Point) Name of your language: _____
- 2.) (3 Points) Are there any consonants in your language that do not occur in English? If so, what are they (provide IPA symbol and phonetic descriptive terms)?
- 3.) (3 Points) Are there any consonants in English that are not found in your language? If so, what are they (provide IPA symbol and phonetic descriptive terms)?
- 4.) If you answered “No” to either 2 or 3 above, please provide the consonants found in your language by filling in the blank consonant chart below.

CONSONANTS (PULMONIC) © 2005 IPA

	Bilabial	Labiodental	Dental	Alveolar	Postalveolar	Retroflex	Palatal	Velar	Uvular	Pharyngeal	Glottal
Plosive (stop)											
Nasal											
Trill											
Tap or Flap											
Fricative											
Lateral fricative											
Approximant											
Lateral approximant											

Where symbols appear in pairs, the one to the right represents a voiced consonant. Shaded areas denote articulations judged impossible.