

## Week 6: Vowels & Suprasegmentals

### Practice Problems

*Note that this week also includes transcription practice, which involves consonants (from last week)!*

- (1) Write the phonetic symbol representing each of the following sounds (remember to use square brackets). The last one is given as an example:

- (a) high front tense unrounded vowel
  - (b) mid back lax rounded vowel
  - (c) mid front lax unrounded vowel
  - (d) low back lax unrounded vowel
  - (e) high back lax rounded vowel - [ʊ]
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- (2) Write the four-part articulatory descriptions for the vowel sounds represented by the following symbols. The last one is given as an example.

- (a) [ɪ]
  - (b) [ʌ]
  - (c) [ɛ]
  - (d) [u]
  - (e) [æ]
  - (f) [ʊ]
  - (g) [ə] - **mid central unrounded lax**
- 

- (3) Give the IPA symbol for the vowel that occurs in each word.

- (a) sues
  - (b) sis
  - (c) sees
  - (d) suss
  - (e) sews
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- (4) What is the difference between a consonant and a vowel?
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(5) Circle all of the symbols below that represent voiced sounds:

[s]    [d]    [g]    [ð]    [tʃ]    [b]    [t]    [ʔ]    [ɹ]    [θ]    [p]

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(6) Give the conventional spelling for the following phonetically transcribed words (not that some may have more than one possible spelling). The first one is given as an example.

- (a) [sloʊp]
  - (b) [sʌni]
  - (c) [seɪl]
  - (d) [wɒɹm]
  - (e) [ɹut]
  - (f) [liʒɹ,]
  - (g) [sɹ, tʃt]
  - (h) [kɹud]
  - (i) [ɹɪdʒ]
  - (j) [ɹɪtʃ]
  - (k) [peɪn]
  - (l) [wɛnzdeɪ]
  - (m) [kʌnfəs]
  - (n) [θʌʊzn, d]
  - (o) [fʌdʒ]
- 

(7) Transcribe the following words. The last one is given as an example.

- (a) touch
- (b) woman
- (c) women
- (d) flood
- (e) wrapped
- (f) prays
- (g) brood
- (h) ghoul
- (i) torch
- (j) stood
- (k) move
- (l) breathe
- (m) breath
- (n) lose
- (o) loose

(8) Correct the mistakes in the following phonetic transcriptions of English words, if there is a mistake.

- (a) [ʃhut] shut
- (b) [swit] swift
- (c) [fɑlʊ] follow
- (d) [tɹəd] trod
- (e) [lɛft] left
- (f) [tʰɪld] child

*\*\* additional practice problems posted Wednesday\*\**

You will be provided with the following charts on the exam.

### THE INTERNATIONAL PHONETIC ALPHABET (revised to 2018)

#### CONSONANTS (PULMONIC)

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	Bilabial	Labiodental	Dental	Alveolar	Postalveolar	Retroflex	Palatal	Velar	Uvular	Pharyngeal	Glottal
Plosive	p b			t d		ʈ ɖ	c ɟ	k ɡ	q ɢ		ʔ
Nasal	m	ɱ		n		ɳ	ɲ	ŋ	ɴ		
Trill	ʙ			r					ʀ		
Tap or Flap		ⱱ		ɾ		ɽ					
Fricative	ɸ β	f v	θ ð	s z	ʃ ʒ	ʂ ʐ	ç ʝ	x ɣ	χ ʁ	ħ ʕ	h ɦ
Lateral fricative				ɬ ɮ							
Approximant		ʋ		ɹ		ɻ	j	ɰ			
Lateral approximant				l		ɭ	ʎ	ʟ			

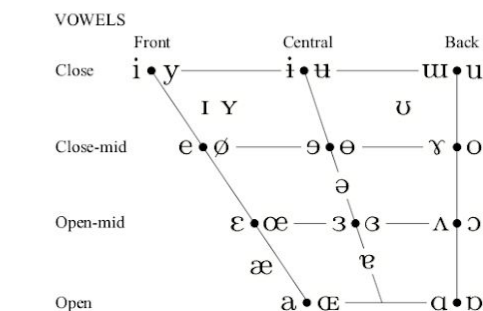
Symbols to the right in a cell are voiced, to the left are voiceless. Shaded areas denote articulations judged impossible.

#### CONSONANTS (NON-PULMONIC)

Clicks	Voiced implosives	Ejectives
◌ Bilabial	ɓ Bilabial	ʼ Examples:
Dental	ɗ Dental/alveolar	pʼ Bilabial
! (Post)alveolar	ɟ Palatal	tʼ Dental/alveolar
‡ Palatoalveolar	ɡ Velar	kʼ Velar
Alveolar lateral	ɠ Uvular	sʼ Alveolar fricative

#### OTHER SYMBOLS

ɱ Voiceless labial-velar fricative	ɕ ʑ Alveolo-palatal fricatives
ɰ Voiced labial-velar approximant	ɭ Voiced alveolar lateral flap
ɰ Voiced labial-palatal approximant	ɥ Simultaneous ɰ and x
ħ Voiceless epiglottal fricative	
ʕ Voiced epiglottal fricative	Affricates and double articulations can be represented by two symbols joined by a tie bar if necessary.
ʔ Epiglottal plosive	



Where symbols appear in pairs, the one to the right represents a rounded vowel.

#### SUPRASEGMENTALS

ˈ Primary stress	ˌ Secondary stress
ː Long	ˑ Half-Long
˚ Extra-short	˘ Minor (foot) group
˙ Major (intonation) group	˙ Syllable break
˗ Linking (absence of a break)	

#### TONES AND WORD ACCENTS

LEVEL	CONTOUR
˥ Extra high	˥ or ˨ Rising
˨ High	˨ or ˥ Falling
˨ Mid	˨ or ˥ High rising
˨ Low	˨ or ˥ Low rising
˨ Extra low	˨ or ˥ Rising-falling
˩ Downstep	↗ Global rise
˩ Upstep	↘ Global fall

#### DIACRITICS Some diacritics may be placed above a symbol with a descender, e.g. ɲ̥̄

◌ Voiceless	◌ Breathy voiced	◌ Dental
◌ Voiced	◌ Creaky voiced	◌ Apical
◌ Aspirated	◌ Linguolabial	◌ Laminar
◌ More rounded	◌ Labialized	◌ Nasalized
◌ Less rounded	◌ Palatalized	◌ Nasal release
◌ Advanced	◌ Velarized	◌ Lateral release
◌ Retracted	◌ Pharyngealized	◌ No audible release
◌ Centralized	◌ Velarized or pharyngealized	
◌ Mid-centralized	◌ Raised	
◌ Syllabic	◌ Lowered	
◌ Non-syllabic	◌ Advanced Tongue Root	
◌ Rhoticity	◌ Retracted Tongue Root	