

Final Exam Review Sheet Linguistics 341

Know the symbols for the consonant and vowel sounds in the IPA chart

Be able to describe each consonant symbol in terms of its:

- place of articulation
- manner of articulation
- voicing type (voiced/voiceless)
- nasality (nasal/oral)
- laterality (lateral/central)

Be able to describe each vowel symbol in terms of its:

- height (high, mid-high, mid-low, low)
- front/central/back
- rounding
- tense/lax

...and vice versa. If given the description, be able to write the symbol.

Also know: sonorants, glides, liquids, approximants, laterals, flaps, trills

Know the diacritics we've talked about in class:

- e.g., nasalization, breathy voice, creaky voice, voicelessness, secondary articulations, rhoticity, stress, length, advanced (fronter), retracted (backer), et al.

Fricatives

- channel turbulence
- obstacle turbulence
- sibilants

Voicing and Voice Onset Time

- Voiced vs. voiceless consonants
- Aspirated vs. unaspirated consonants

Voice quality (modal voicing, breathy voice, creaky voice)

Be able to distinguish sounds in spectrograms

Be able to recognize where one sound ends and another begins in a spectrogram

Know what's represented in each of the following diagrams:

- waveforms
- pitch tracks
- intensity traces
- (power) spectra
- spectrograms

Acoustic theory:

- periodic waves
- sine waves
- complex waves
- frequency
- period
- amplitude
- RMS amplitude
- intensity
- harmonics
- standing waves
- resonance
- formants