

## Study Guide for Final Exam LING 411/511 Winter 2006

Know the IPA symbols and descriptions for those symbols. See following sheet for practice questions.

Know the production characteristics and acoustic correlates to the following laryngeal settings:

- Modal
- Breathy
- Creaky

Be able to explain the processes involved in the following air stream mechanisms:

- Pulmonic Egressive
- Pulmonic Ingressive
- Glottalic Egressive
- Glottalic Ingressive
- Velaric Ingressive

Be able to explain the production of:

- “Regular” Clicks
- Nasalized Clicks
- Aspirated Clicks
- Glottalized Clicks

Be able to explain the two major problems traditionally addressed by theories of speech perception.

How have the major theories of speech perception (those discussed in class) tried to solve the invariance problem?

Be able to describe the phenomenon of categorical perception. It was originally thought to be evidence for a special “speech mode” of perception. Why does this not seem to be the case upon further investigation?

Be able to explain the original formulation of the “locus” concept as held by the motor theorists.

Be able to explain how economy and plasticity (two characteristics of motor systems in general) apply to speech production and how they relate to H&H theory.

Be able to explain Ohala’s “Aerodynamic voicing constraint” and discuss how it is an example of production shaping phonology.

Be able to discuss major differences between the JFH feature system on the one hand and SPE and feature geometry systems on the other hand.

A. Write the phonetic symbol after each description

1. Voiceless lateral fricative [ ]
2. Low (open) back rounded vowel [ ]
3. Alveolar click [ ]
4. Voiced bilabial implosive stop [ ]
5. Voiced velar approximate [ ]
6. Voiceless bilabial fricative [ ]
7. Voiced high mid (open-mid) rounded front vowel [ ]
8. Voiceless high (close) front rounded [ ]
9. Voiced palatal fricative [ ]
10. Alveolar flap [ ]
11. Voiced retroflex nasal [ ]
12. Voiceless pharyngeal fricative
13. Voiceless uvular ejective stop [ ]
14. Uvular trill Voiceless uvular ejective stop [ ]
15. Low-mid (open-mid) back rounded vowel with breathy voicing [ ]
16. Voiceless aspirated velar stop [ ]
17. Palatalized voiced alveolar stop [ ]
18. Nasalized high (close) back unrounded vowel [ ]
19. Voiceless alveolo-palatal fricative [ ]
20. Voiced bilabial stop with creaky voicing [ ]

B. Write the description for the following phonetics symbols

1. [pʰ]
2. [ʎ]
3. [ð]
4. [ʒ]
5. [ŋ]
6. [ʂ]
7. [ø]
8. [ʈ]
9. [ʌ]
10. [œ]
11. [ɣ]
12. [x]
13. [uɥ]
14. [i]
15. [a̠]
16. [ɺ]
17. [e]
18. [c]
19. [ɸ]