

**STUDY QUESTIONS FOR THE MID-TERM EXAM (June 17, 2009)****1. PHONETICS AND PHONOLOGY**

- a. What is the relationship between phonology and phonetics?
- b. What is the basic assumption of phonology? Explain.
- c. Evidence for the recognizing of individual segments in the flow of speech: list and explain. Provide examples.

**2. PHONOLOGICAL PROCESSES**

- a. What are the four major phonological processes? Define, and provide examples.
- b. Define the following phonological processes. Provide an example.
  - i. palatalization
  - ii. labialization
  - iii. vowel harmony
  - iv. umlaut
  - v. deletion
  - vi. epenthesis
  - vii. coalescence
  - viii. metathesis
  - ix. syncope
  - x. apocope
  - xi. lenition

**3. NEUTRALIZATION**

Define the concept of neutralization. Discuss the types of neutralization presented in class. Illustrate your discussion with an example.

**4. PHONOLOGICAL RULES**

- a. Define the following concepts relating to rule formalization. Provide an example.
  - i. input/output
  - ii. structural description/structural change
  - iii. zero subscript
  - iv. brace notation
  - v. parenthesis notation
  - vi. alpha notation
  - vii. angled bracket notation
  - viii. transformational rules

- b. Rule application: explain the difference between free and ordered rule applications. Illustrate your discussion with an example.
- c. Explain the difference between simultaneous rule application and linear rule ordering.
- d. Define the following concepts relating to rule application. Provide an example.
  - i. feeding order
  - ii. counterfeeding order
  - iii. bleeding order
  - iv. counterbleeding order
  - iii. linear rule ordering
  - v. intrinsic and extrinsic rule ordering
  - vi. elsewhere condition

#### **4. REPRESENTING TONE**

- a. Consider the realization of tone in Vata phonology. Why cannot the appearance of the low tone in the perfective forms be satisfactorily explained by employing the SPE approach? In what way does autosegmental phonology appear to be superior in accounting for the realization of tone in Vata phonology?
- b. Consider the realization of tone in Igbo phonology. Why cannot the appearance of falling tone before a low tone be satisfactorily explained by employing the SPE approach? What is the solution offered by autosegmental phonology?
- c. In what way does the autosegmental theory appear to be superior to the linear approach to phonology?

#### **PHONOLOGICAL PROBLEMS: THE SIGNIFICANCE OF ARGUMENTATION**

On the basis of the examples presented in class be prepared to demonstrate your understanding of (i) identifying the underlying representation, (ii) identifying the phonological process, and (iii) formulating a maximally general rule. You will have to provide arguments for your solution.