



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2011/2012

SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR
OF ARTS AND BACHELOR OF EDUCATION
AEN 300: PHONETIC AND PHONOLOGICAL ANALYSIS

DATE: Wednesday, 4th April, 2012

TIME: 4.30 p.m. – 6.30 p.m.

INSTRUCTIONS:

Answer question **ONE** and any other **TWO** questions.

1. a) The vowel [o] and [u] are allophones of the phoneme / u / in Tamil.
Examine the data below from the Tamil language and determine the
specific environments for [o] and [u] allophones:

1. [up:u] 'salt'
2. [umó] 'husk'
3. [momo] 'kettle'
4. [puzo] 'worm'
5. [pa:zo] 'waste'
6. [teso] 'street'
7. [u:ru] 'village'
8. [aɔ̃ o] 'it'
9. [pu : l:u] 'lock'
10. [ta:lu] 'leather'
11. [ta:lu] 'shoulder'
12. [neno] 'yesterday'

13. [mino] 'fish'
14. [nentso] 'heat'

(12 marks)

- b) With the aid of suitable examples explain three factors that determine the Voice Onset Time (VOT) of stop consonants. (6 marks)
c) With examples discuss the four states of the glottis (12 marks)

2. a) Give the IPA notation for the following:-

- i) bilabial click
ii) alveolar ejective stop
iii) lax high front vowel
iv) unround low back vowel
v) voiced uvular ejective stop

(5 marks)

- b) With the aid of suitable examples from any language, describe any three stricture types during the articulation of consonants. (15 marks)

3. Limiting yourself to only three major class features that are proposed in the Distinctive feature theory?, clearly show the benefits of using a parametric approach for analysis. (20 marks)

4. Explain and exemplify the effect of the phonatory setting of sounds on their articulation. (20 marks)

5. In the study of the syllable explain the following:-

- a) onset, nucleus and coda
b) ambisyllabicity
c) onset constraints and phonotactics
d) accidental and systematic gaps

(20 marks)