



## MACHAKOS UNIVERSITY

DEPARTMENT OF LANGUAGES AND LINGUISTICS

### SCHOOL BASED PROGRAM

AEN 300: PHONETIC AND PHONOLOGICAL ANALYSES

#### INSTRUCTIONS

- (i) Answer question ONE and any other TWO questions
- (ii) Do not write on the question paper

#### Question One (Compulsory)

For each of the following sounds, provide the indicated articulatory parameters: (10 Marks)

- i. [ p ] Manner of articulation
- ii. [ G ] Phonation type
- iii. [ ‡ ] Airstream mechanism
- iv. [ h ] Cavity
- v. [ s ] Stricture type
- vi. [ d ] Airstream mechanism
- vii. [ v ] Manner of articulation
- viii. [ x ] Place of articulation
- ix. [ n ] Cavity
- x. [ e ] Lip rounding

b. With appropriate examples, discuss three assimilatory and two non-assimilatory phonological processes in any other language apart from English (20 Marks)

#### Question Two

- a) Drawing examples from English and any other languages of your choice, demonstrate how features may be distinctive in one language and redundant in another. (8 Marks)
- b) Explain any THREE types of distinctive oppositions (8 Marks)

#### Question Three

Use the sounds [ ð, t, a, θ, u, s, w, l, m, β ] to answer the questions that follow.

- a. Explain the notion of sonority then place the above sounds on a sonority scale

(10 Marks)

- b. Use the features LABIAL, NASAL, OBSTRUENT, SYLLABIC, and POSTERIOR to provide feature matrices for the above given sounds. (10 Marks)

#### **Question Four**

- a) Use examples from any other language apart from English to explain how free variation differs from complementary distribution (8 Marks)
- b) Demonstrate how you would use any four diacritics to distinguish interspeaker phonetic variation of the phrase 'All teenagers are ignorant' (12 Marks)

#### **Question Five**

With relevant examples, briefly explain the following terms:

- a. Dissimilation (5 Marks)
- b. Heavy syllable (5 Marks)
- c. Homorganic articulation (5 Marks)
- d. Tense Vowels (5 Marks)