



# MACHAKOS UNIVERSITY

University Examinations for 2020/2021 Academic Year

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF LINGUISTICS AND LANGUAGES

APRIL SESSION EXAMINATION FOR

BACHELOR OF EDUCATION

AEN 300: PHONETIC AND PHONOLOGICAL ANALYSES

DATE: 19/7/2021

TIME: 11.00-1.00 PM

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## INSTRUCTIONS:

ANSWER QUESTION ONE AND ANY TWO QUESTIONS

### QUESTION ONE (COMPULSORY) (30 MARKS)

- a) For each of the following sounds, provide the indicated articulatory parameters:
- i. [p] Manner of articulation
  - ii. [G] Phonation type
  - iii. [ʈ] 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 (10 marks)
- b) With appropriate examples, discuss three assimilatory and two non-assimilatory phonological processes in any other language apart from English. (20 marks)

### **QUESTION TWO (20 MARKS)**

- 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 (20 MARKS)**

Use the sounds [ð, t, a, θ, u, s, w, l, m, j, 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 (20 MARKS)**

- 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 (20 MARKS)**

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)