



MACHAKOS UNIVERSITY

University Examinations for 2021/2022 Academic Year

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF LINGUISTICS AND LANGUAGES

THIRD YEAR FIRST SEMESTER EXAMINATION FOR

BACHELOR OF EDUCATION

BACHELOR OF ARTS

AEN 300: PHONETIC AND PHONOLOGICAL ANALYSIS

DATE: 29/8/2022

TIME: 11.00-1.00 PM

INSTRUCTIONS

Answer Question One and Any Other Two Questions

QUESTION ONE (COMPULSORY) (30 MARKS)

- a) Using one sound that is affected in each area, analyze the three areas that make the vocal tract. (12 marks)
- b) Using one example, explain the concept of redundant features of speech. (4 marks)
- c) Using a metrical tree, analyze the composition of a syllable. (6 marks)
- d) Identify and define any two dimensions of the vocal tract in relation to the stricture type. (4 marks)
- e) Explain the difference between an underlying and a surface structure using the concept of mappings. (4 marks)

QUESTION TWO (20 MARKS)

Using two examples of each, analyze the different types of syllables.

QUESTION THREE (20 MARKS)

Explain any THREE classification subclasses for English consonants and TWO for English vowel sounds that can form the basis of distinctive oppositions.

QUESTION FOUR (20 MARKS)

- a) Using two examples, discuss the importance of sonority in phonology. (10 marks)
- b) Using a numerical tree, analyze the concept of stress. (10 marks)

QUESTION FIVE (20 MARKS)

Analyze any FIVE articulatory processes that go beyond the segment showing their relevance to our daily speech.