



MACHAKOS UNIVERSITY

University Examinations 2017/2018

SCHOOL OF HUMANITIES AND SOCIAL SCIENCE

DEPARTMENT OF LINGUISTICS AND LANGUAGES

AUGUST SESSION EXAMINATION FOR
BACHELOR OF EDUCATION ARTS

AEN 300: PHONETIC AND PHONOLOGICAL ANALYSIS

DATE: SCHOOL BASED

TIME:

INSTRUCTIONS

Answer Question One and Any Other Two Questions

1.
 - (a) Explain the following phonetic and phonological concepts:
 - (i) open approximation stricture (3 marks)
 - (ii) a segment (2 marks)
 - (iii) a phone (1 mark)
 - (iv) rhyme (2 marks)
 - (v) co-articulation (2 marks)
 - (b) Explain the usefulness of the central pool of human speech sounds. (2 marks)
 - (c) Using two examples of speech sounds of each, analyze any two degrees of maintainable stricture types. (6 marks)
 - (d) Explain what happens in the glottis during speech production. (4 marks)
 - (e) Explain any two usefulness of the syllable in phonology. (4 marks)
 - (f) Using one example of each, explain any two parameters for analyzing vowel sounds. (4 marks)
2.
 - (a) Using one example of each, explain four ways in which phonetics analyzes speech sounds. (8 marks)
 - (b) Analyze the three cavities in the vocal tract that are used in speech production. (12 marks)

3. Using four examples, explain the concept of distinctive oppositions. (20 marks)
4. (a) Differentiate between the parametric approach and the linear approach to Segmentation. (5 marks)
(b) Use three types of articulation to explain the concept of segmental analysis. (15 marks)
5. Discuss any five topics you have studied in this unit (AEN 300) that are of use to you as a teacher of language. (20 marks)