



MACHAKOS UNIVERSITY COLLEGE

(A Constituent College of Kenyatta University)

University Examinations 2015/2016

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF LINGUISTICS AND LANGUAGES

FIRST SEMESTER EXAMINATION FOR DEGREE IN BACHELOR OF EDUCATION

AEN 300: PHONETICS AND PHONOLOGICAL ANALYSIS

Date: 1/8/2016

Time: 8:30 – 10:30 AM

INSTRUCTIONS

Answer question one and any other two questions.

1.
 - (a) Identify the three initiators of airstream mechanisms and indicate the type of airstream mechanism that each utilizes. (6 marks)
 - (b) List any two ways of analyzing the speech continuum and give examples of each. (4 marks)
 - (c) Why is the concept of 'target' important in phonetics? (2 marks)
 - (d) Define the following terms:
 - (i) geminate (2 marks)
 - (ii) initiator (2 marks)
 - (iii) time dimension (1 mark)
 - (iv) vertical tongue position (2 marks)
 - (v) stress (1 mark)
 - (e) Using any three classes of assimilation, explain what assimilation is. (6 marks)
 - (f) Analyze two uses of the phonological syllable. (4 marks)

2.
 - (a) Describe the three articulatory areas and explain how they work. (10 marks)
 - (b) Explain the three degrees of stricture in manner of articulation. (10 marks)
3.
 - (a) Define the term phonation and discuss how each of the four states of the glottis work. Use relevant examples in each case. (14 marks)
 - (b) Explain the concept of stress and its uses as a supra-segmental feature in Phonology. (6 marks)
4.
 - (a) Explain, using examples, the different dimensions and types of articulation in segmental analysis. (12 marks)
 - (b) Discuss the concept of 'stable state of the articulatory mechanism' in segmental analysis. (8 marks)
5. Phonetics and phonology are about speech sounds. Discuss the usefulness of the Phonetics and Phonological Analysis course to any person in the area of linguistics. (20 marks)