



# MACHAKOS UNIVERSITY

University Examinations for 2019/2020 Academic Year

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF LINGUISTICS AND LANGUAGES

SECOND YEAR FIRST SEMESTER EXAMINATION FOR

DIPLOMA IN EDUCATION (ARTS)

AEN 0102: INTRODUCTION TO PHONETICS AND PHONOLOGY

DATE: 9/12/2019

TIME: 11.00-1.00 PM

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INSTRUCTIONS: ANSWER QUESTION ONE AND ANY OTHER TWO QUESTIONS

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## QUESTION ONE (30 MARKS)

- a) Define the following terms:
- i. Phoneme (2 marks)
  - ii. Free variation (3 marks)
  - iii. Diphthong (2 marks)
  - iv. Triphthong (2 marks)
- b) Explain the importance of auditory phonetics to the study of phonetics (2 marks)
- c) Explain the usefulness of the IPA chart (2 marks)
- d) Using examples of words, identify any two types of syllable structures that occur in your first language (8 marks)
- e) Give two differences between the following pairs of sounds
- i. /p/ and /d/ (4 marks)
  - ii. /a/ and /k/ (4 marks)
- f) Name the articulators indicated in figure 1. (5 marks)

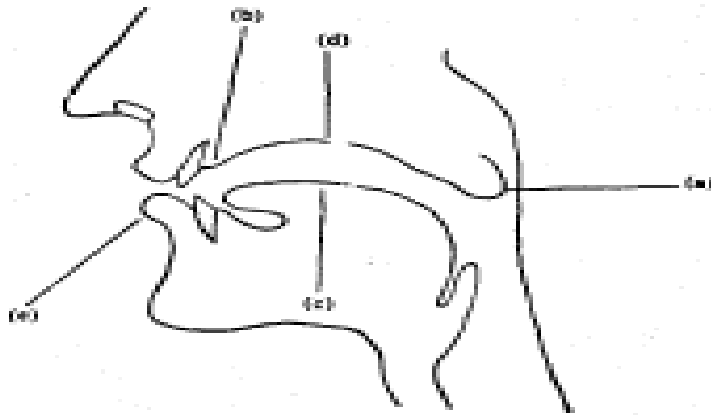


Figure 1

**QUESTION TWO (20 MARKS)**

- a) Explain the difference between narrow and broad transcription (4 marks)
- b) Do a narrow transcription of the following words (10 marks)
  - i. school
  - ii. enemy
  - iii. teacher
  - iv. taking
  - v. yesterday
- c) Using one example of each, show the difference between a minimal pair and a phone (6 marks)

**QUESTION THREE (20 MARKS)**

- a) Define the term assimilation (4 marks)
- b) Using two examples of each, discuss any two types of assimilation (16 marks)

**QUESTION FOUR (20 MARKS)**

- a) Explain the difference between place and manner of articulation (5 marks)
- b) Using examples of relevant sounds, identify any five manners of articulation (15 marks)

**QUESTION FIVE (20 MARKS)**

Discuss five ways in which phonetics and phonology can help you as a teacher of language