



# MACHAKOS UNIVERSITY

University Examinations for 2019/2020 Academic Year

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF LINGUISTICS AND LANGUAGES

FIRST YEAR SECOND SEMESTER EXAMINATION FOR

DIPLOMA IN EDUCATION

**AEN 0102: INTRODUCTION TO PHONETICS AND PHONOLOGY**

**DATE: 11/11/2020**

**TIME: 2:00 – 4:00 PM**

---

## INSTRUCTIONS

**Answer Question One and Any Other Two Questions**

1. a) Define the following
  - i) Phonetics (3 marks)
  - ii) Phonology (3 marks)
  - iii) Phone (2 marks)
  - iv) Free variation (2 marks)
- b) Explain the importance of the vocal tract in speech production. (3 marks)
- c) Using one example of each, explain the difference between narrow and broad transcription (4 marks)
- d) Explain the concern of Supra-segmental phonology (3 marks)
- e) Explain the significance of the IPA chart to a teacher of language. (3 marks)
- f) Differentiate monophthongs and diphthongs (4 marks)
- g) Explain how consonant sounds differ from vowel sounds (3 marks)
2. a) Identify the place of production and phonation type of the following sounds (10 marks)
  - i) /s/
  - ii) /k/
  - iii) /p/
  - iv) /l/
- b) Using two examples of each, explain the difference between an oral and a nasal sound. (6 marks)
- c) Explain the cause of a voiced sound. Use one example (4 marks)

3. a) Using two sounds in each case, give FOUR ways of describing consonant sounds (12 marks)
- b) Use one example in each case to explain any two ways of describing vowel sounds. (8 marks)
4. a) Explain the difference between assimilatory and non-assimilatory processes (10 marks)
- b) Using any two examples from any language, explain the importance of tone in language. (10 marks)
5. Explain how the knowledge of the following topics can help you as a teacher of language:
- i) articulatory phonetics (5 marks)
- ii) word stress (2 marks)
- iii) phonemes (5 marks)
- iv) syllables (5 marks)
- v) The usefulness of phonetics (3 marks)