



# MACHAKOS UNIVERSITY

University Examinations for 2022/2023 Academic Year

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF LINGUISTICS AND LANGUAGES

THIRD YEAR FIRST SEMESTER EXAMINATION FOR

BACHELOR OF EDUCATION/BA ARTS

AEN 300: PHONETICS AND PHONOLOGICAL ANALYSIS

DATE:16/12/2022

TIME: 2:00 – 4:00P.M

**INSTRUCTIONS: Answer question one and any other two questions.**

## QUESTION ONE (30MARKS)

- a) Describe and provide the classes of sounds for the following phonemic feature of consonants. (6 marks)
- [+Son].
  - [+Cor].
  - [+CONS]
- b) Analyze the syllabic feature of the following words. (4 marks)
- Scream.
  - String.
- c) Distinguish between the following concepts as used in phonology.
- Distinctive and non-distinctive features. (4 marks)
  - Lax and Tense vowels (4 marks)
  - Glottalic egressive airstream and Glottalic ingressive airstream. (4 marks)
  - Primary and secondary articulation (4 marks)
- d) Briefly explain the relationship between phonetics and phonology (4 marks)

## QUESTION TWO (20MARKS)

- a) With adequate illustrations, discuss the classification of consonants according
- Stricture
  - Phonation

**QUESTION THREE (20MARKS)**

- a) Critically examine Trubetzkoy's distinctive oppositions. (12 marks)
- b) Using appropriate examples describe the following concepts in terms of segment organization (8 marks)
  - i. Free variation
  - ii. Complementary distribution

**QUESTION FOUR (20MARKS)**

- a) Explain the following prosodic features and their function in a language (10 marks)
  - i. Stress
  - ii. Intonation
- b) Describe the structure of the English syllable. (10 marks)

**QUESTION FIVE (20MARKS)**

Discuss the assimilatory and non-assimilatory processes.