



THE CATHOLIC UNIVERSITY OF EASTERN AFRICA

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MAIN EXAMINATION

JANUARY- APRIL 2019 TRIMESTER

FACULTY OF ARTS AND SOCIAL SCIENCES

DEPARTMENT OF LANGUAGE, LITERATURE AND COMMUNICATION

REGULAR PROGRAMME

ENG 401: ADVANCED PHONOLOGY AND MORPHOLOGY

Date: APRIL 2019

Duration: 2 Hours

INSTRUCTIONS: Answer Question ONE and any other TWO Questions

- Q1. a) Using Chomsky and Halle's (1968) SPE notions, write phonological rules to express the following phonological phenomenon. **(10marks)**
- i) Fricatives are voiced before nasal consonants
 - ii) Velar fricatives are deleted between vowels
 - iii) The vowel [i] is lowered to [e] before the sequence of [r] and consonant
 - iv) A consonant is voiced between two vowels
 - v) An obstruent is voiced between a word initial nasal consonant and a vowel
- b) Describe the role of the velum in speech production **(3marks)**
- c) Provide distinctive features values for the following sounds **(2marks)**
- i) Velar sounds
 - ii) Bilabial sounds
- d) Explain the following types of syllables **(6marks)**
- i) Simple and Complex syllable
 - ii) Open and Closed syllable
 - iii) Heavy and Light syllable
- e) Explain the following types of articulation **(9marks)**
- i) Secondary Articulation
 - ii) Double Articulation
 - iii) Co-articulation

Q2. a) Discuss Autosegmental Theory as a tool of phonological analysis

(10marks)

b) Explain what the following features indicated in Autosegmental phonology

(10marks)

- i) An unbroken line
- ii) A broken association line
- iii) Left bracket and right bracket
- iv) Circle round an item
- v) A crossed through line

Q3. Using relevant examples, discuss the following features according to Chomsky and Halle's (1968) SPE theory. **(20marks)**

- i) Cavity features
- ii) Tongue body features
- iii) Laryngeal features

Q4. Discuss the following concepts of the structure of the English syllable (20mks)

- i) Phonetic and phonological syllable structure
- ii) Phonotactic constraints
- iii) Onset Maximal Principle
- iv) Sonority Sequencing Principle
- v) CV-Tier

Q5. a) With an example for each, explain assimilation as a morphophonemic process **(6marks)**

b) Discuss Nida's first and second principles of morpheme discovery procedure, illustrating their application with data drawn from a language other than English **(14marks)**

END