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**KIRIRI WOMEN'S UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
**UNIVERSITY EXAMINATIONS, 2022/2023 ACADEMIC YEAR**  
**END OF SEMESTER EXAMINATIONS**  
**FOR THE DEGREE OF BACHELOR OF EDUCATION( ARTS)**  
**KEN 2205:PHONOLOGY OF ENGLISH**

Date:13<sup>th</sup> April 2022

Time:11.30am-1.30pm

**INSTRUCTIONS TO CANDIDATES**

**ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS**

**QUESTION ONE COMPULSORY (30 MARKS)**

- a) i) What is a minimal pair? (2 marks)
- ii) Identify any **six** minimal pairs from the following list of words: (6 marks)
- Thy, pot, name, yacht, fit, pear, glue, bay, who, son, seizure, trench, poor, singer, maim, crash, clash, pat, thigh, lock, buy, too, drench, sung, rock, Caesar, feet, grew.
- b) Using IPA symbols, give a phonetic transcription for each of the following English words: (6 marks)
- |        |       |        |
|--------|-------|--------|
| Look   | sew   | heel   |
| Little | paper | church |
- c) Briefly, describe the activity of the articulators when producing the underlined sounds in each of the following words:
- |                      |                |      |                |           |
|----------------------|----------------|------|----------------|-----------|
| ad <u>ju</u> dicator | cough <u>h</u> | give | sh <u>a</u> me | (4 marks) |
|----------------------|----------------|------|----------------|-----------|
- d) With an example for each, distinguish between the following. (6 marks)
- Allophone and phone.
  - Sonorants and obstruents.
  - Fricatives and affricates.
- e) Some linguists claim Phonetics and Phonology should be treated as one discipline. Do you agree or disagree? Justify your response. (6 marks)

## **QUESTION TWO (20 MARKS)**

- a) Explain any **four** ways in which vowel sounds differ from consonant sounds (8 marks)
- b) Provide an IPA symbol for each of the following described sounds:
  - i. Voiced bilabial plosive. (2 marks)
  - ii. Voiceless alveolar trill. (2 marks)
  - iii. Voiced labio-dental fricative. (2 marks)
  - iv. Voiced palato-alveolar affricate . (2 marks)
  - v. Mid-high central short vowel. (2 marks)
  - vi. Low central open vowel. (2 marks)

## **QUESTION THREE (20 MARKS)**

- a) i. What is an airstream mechanism? (2 marks)
- ii. Explain the following types of airstream mechanisms:
  - Pulmonic egressive. (4 marks)
  - Pulmonic ingressive. (4 marks)
- b) i. What is the difference between an open and a closed syllable? (2 marks)
- ii. Using any two words, discuss the different constituents of a syllable. (8 marks)

## **QUESTION FOUR (20 MARKS)**

- a) With a well analyzed example, define a secondary articulatory process. (4 marks)
- b) Discuss any **four** assimilatory processes in English Phonology. (12 marks)
- c) Provide a phonological rule for each of the above processes. (4 marks)

## **QUESTION FIVE (20 MARKS)**

Using examples, explain the significance of the following concepts in human speech:

- a) Stress. (5 marks)
- b) Syllable. (5 marks)
- c) Segmental Phonology. (5 marks)
- d) Free variation. (5 marks)