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KIRIRI WOMEN'S UNIVERSITY OF SCIENCE AND TECHNOLOGY
UNIVERSITY EXAMINATION, 2023/2024 ACADEMIC YEAR
FIRST YEAR, FIRST SEMESTER EXAMINATION
FOR THE BACHELOR OF EDUCATION
(ARTS)

KEN 2205-PHONOLOGY OF ENGLISH

Date: 11th August 2023

Time: 8.30am-10.30am

INSTRUCTIONS TO CANDIDATES:

ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS

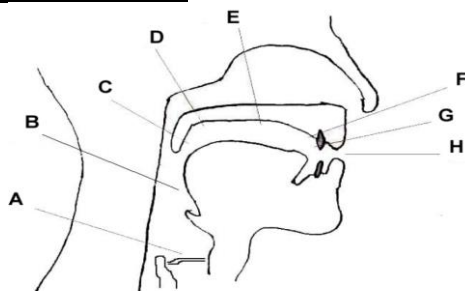
QUESTION ONE (30 MARKS)

- a) By use of a diagram, describe the articulation parameters of cardinal vowels. (6 marks)
- b) State **two** differences between monophthongs and diphthongs in phonology. (4 marks)
- c) By use of examples in sentences, explain the concept of '**minimal pairs.**' (6 marks)
- d) Using clear examples in words, describe the elements that make up a syllable in English. (6 marks)
- e) For each of the following words, write down the phonemic symbol used in vowel articulation. (4 marks)
- i) Dough.
- ii) Play.
- iii) Toe.
- iv) Fair.
- f) The English language makes use of a number of consonant clusters. Explain **two** challenges faced by multi-lingual speakers in articulation of consonant clusters. (4 marks)

QUESTION TWO: 20 MARKS

- a) With the use of a vowel quadrilateral, explain the production of the following vowel sounds: (8 marks)
- i) /i:/
- ii) /ʌ/
- iii) /u:/
- iv) /ð/
- b) Describe the significance of the following processes as described in articulatory phonetics
- i) Egressive pulmonic airstream mechanism. (4 marks)
- ii) Voicing (4 marks)
- iii) Aspiration (4 marks)

QUESTION THREE: 20 MARKS



- a) Correctly label the places of articulation in the above diagram. (4 marks)

- b) Discuss the differences in place of articulation, manner of articulation and voicing; that exist in the following pairs of consonant sounds:
- i) The sounds /r/ and /l/ (4 marks).
 - ii) The sounds /t / and /d / (4 marks).
 - iii) The sounds / k / and /g / (4 marks).
 - iv) The sounds /p/ and /b/ (4 marks).

QUESTION FOUR: 20 MARKS

- a) Analyze the following words into their syllables and draw the syllable structure for each word.
- i) More. (3 marks)
 - ii) Beginning. (4 marks)
 - iii) Government. (4 marks)
 - iv) Phone. (3 marks)
- b) Discuss the following concepts used in the analysis of sounds in phonology.
- i) Distinctive and non- distinctive variation. (3 marks)
 - ii) Phonemic assimilations. (3 marks)

QUESTION FIVE: 20 MARKS

- a) Draw the vowel quadrilateral and indicate the glides for the diphthongs in each of the following words:
- i) Cow (2 marks)
 - ii) Clear (2 marks)
 - iii) Home (2 marks)
 - iv) Beer (2 marks)
- b) Discuss these three parameters as used in the description of the articulation of vowel sounds:
- i) The horizontal position of the tongue. (4 marks)
 - ii) The vertical position of the tongue. (4 marks)
 - iii) Lip rounding. (4 marks)