



# MERU UNIVERSITY OF SCIENCE AND TECHNOLOGY

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## University Examinations 2022/2023

FIRST YEAR SPECIAL/SUPPLEMENTARY EXAMINATION FOR THE DEGREE OF  
BACHELOR OF EDUCATION ARTS

### EEL 3151: BASIC PHONETICS AND PHONOLOGY OF ENGLISH

DATE: AUGUST 2023

TIME: 2 HOURS

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

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#### QUESTION ONE (30 MARKS)

- a) Explain what each of the following branches of phonology entails
- i) Articulatory (5 marks)
  - ii) Auditory (5 marks)
  - iii) Acoustic (5 marks)
- b) Examine how these airstream mechanisms work to produce speech sounds
- i) Pulmonary airstream mechanism (5 marks)
  - ii) Velaric airstream mechanism (5 marks)
- c) Fully describe the following English sounds
- i) [ð] (2½ marks)
  - ii) [i] (2½ marks)

#### QUESTION TWO (20 MARKS)

Describe manner of production of consonantal sounds of English (20 marks)

#### QUESTION THREE (20 MARKS)

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Discuss the parameters used in the description of English vowels (20 marks)

**QUESTION FOUR (20 MARKS)**

Identify the phonological rules describing how each affects phonemes (20 marks)

**QUESTION FIVE (20 MARKS)**

Critically analyse the function of five supra-segmental features of English speech (20 marks)