



# UNIVERSITY EXAMINATIONS

**1<sup>ST</sup> SEMESTER 2023/2024 ACADEMIC YEAR**

**EXAMINATION FOR MASTERS IN LINGUISTICS**

**LING 823: PHONETICS AND PHONOLOGY**

***STREAM: R***

***TIME: 3 HRS***

***DAY: MONDAY (12.30-3.30PM)***

***DATE: 18/12/23***

**THIS QUESTION PAPER CONSISTS OF TWO (2) PAGES**

**PLEASE DO NOT OPEN UNTIL THE INVIGILATOR SAYS SO.**

**INSTRUCTIONS:** Answer any **THREE** questions

**QUESTION ONE (20 MARKS)**

- (a) Explain how the principles of articulatory phonetics contribute to understanding of speech sound production and variation (10 marks)
- (b) Compare and contrast the main assumptions of acoustic phonetics and auditory phonetics (10 marks)

**QUESTION TWO (20 MARKS)**

- (a) Differentiate phonotactic setting and syllable structure (10 marks)
- (b) Discuss the relationship between phonemes and allophones in the context of speech production (10 marks)

**QUESTION THREE (20 MARKS)**

- (a) Explain how labialization modify the articulation of sounds (10 marks)
- (b) Discuss the role of primary articulation in distinguishing consonant sounds (10 marks)

**QUESTION FOUR (20 MARKS)**

- (a) Explain how the arch-phoneme captures shared phonetic characteristics across related phonemes (10 marks)
- (b) Discuss two prosodic features in processing of speech sounds (10 marks)

**QUESTION FIVE (20 MARKS)**

- (a) Explain the approach employed in generative phonology (10 marks)
- (b) Elaborate five features in Chomsky – Halle feature systems that represent different aspects of sound production and perception (10 marks)

**QUESTION SIX (20 MARKS)**

Discuss five phonological processes and rules in the English language (20 marks)