



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND  
TECHNOLOGY SCHOOL OF EDUCATION, HUMANITIES AND  
SOCIAL SCIENCES**

**UNIVERSITY EXAMINATION FOR THE DEGREE OF MASTER OF  
ARTS IN LINGUISTICS**

**1<sup>st</sup> YEAR 2<sup>nd</sup> SEMESTER 2023/2024 ACADEMIC YEAR**

**CENTRE: MAIN**

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**COURSE CODE: ZLM 2106**

**COURSE TITLE: Computational And Corpus Linguistics**

**EXAM VENUE:**

**STREAM: MA**

**DATE:**

**EXAM SESSION:**

**TIME: 3 HOURS**

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**Instructions:**

- 1. Answer ANY THREE questions.**
- 2. Candidates are advised not to write on the question paper.**
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room.**

**Question ONE**

Language corpora come in various types, each serving different purposes and catering to specific research questions or applications. Explain. (20 Marks)

**Question TWO**

How are morphological analyzers and parsers built, and what are their applications in linguistic research? (20 Marks)

**Question THREE**

Compare and contrast the functionalities and applications of NVivo and Wordsmith software in linguistic research. (20 Marks)

**Question FOUR**

Elaborate any FIVE applications of computational linguistics in language related fields. (20 Marks)

**Question FIVE**

Compare and contrast concordance analysis, collocation analysis, and frequency analysis. How are these techniques applied in corpus linguistics studies? (20 Marks)