



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
**SCHOOL OF EDUCATION HUMANITIES & SOCIAL SCIENCES**  
**UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF EDUCATION**  
**ARTS**  
**4<sup>TH</sup> YEAR 1<sup>ST</sup> SEMESTER 2022/2023**  
**MAIN CAMPUS**

**COURSE CODE: ABA 431**

**COURSE TITLE: Research Methods**

**EXAM VENUE:**

**STREAM: BED.**

**DATE: 15/12/2022**

**EXAM SESSION: 9.00-11.00AM**

**TIME: 2 HOURS**

**INSTRUCTIONS**

- 1 Answer question ONE (COMPULSORY) and ANY other TWO 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**

**a) Research process consists of series of actions or steps necessary to effectively carry out research and the desired sequencing of these steps. Discuss in details the steps involved in the research process. (10 marks)**

**b) Citing appropriate examples, discuss the various variables that are found in a research design. (10 marks)**

**c) Identify and explain five probability sampling methods. (10 marks)**

## **QUESTION TWO**

**a) Describe the steps involved in processing of research data and the significance of each step. (8 marks)**

**b) Identify and explain six features of a good research project. (12 marks)**

## **QUESTION THREE**

**a) Explain six guidelines to a good questionnaire construction. (12 marks)**

**b) Explain four significance of correct data interpretation in research. (8 marks)**

#### **QUESTION FOUR**

**a) List and explain five methods of primary data collection. (10 marks)**

**b) Describe any two research design appropriate for solving a research problem. (10 marks)**