

**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE &  
TECHNOLOGY**

**UNIVERSITY EXAMINATIONS 2014**

**JANUARY-APRIL 2014. CERTIFICATE CLASS**

**KISUMU LERANING CENTRE**

**COURSE CODE: HDC 1126**

**TITLE: INRODUCTION TO RESEARCH METHODS**

**TIME: 1HOUR.**

**DATE:**

**INSTRUCTIONS**

- 1. This paper contains Four questions**
- 2. Answer question 1( compulsory) and ANY other two questions**
- 3. Write all answers in the booklet provided**

## QUESTION ONE

Define the following terms in detail

- a) Concepts (3 marks)
  - b) Variables (3marks)
  - c) Independent variable (3marks)
  - d) Dependent Variable (3marks)
  - e) Problem (3 marks)
  - f) Hypothesis
  - g) Distinguish between qualitative and quantitative research (5 marks)
- Q2. (a) Evaluate basic characteristics of Research (10marks)
- (b) Outline any difficulties one is likely to experience when carrying out research. (10 marks)
- Q3. (a) Discuss the steps to be followed when carrying out a research (10 marks)
- (b) Evaluate the importance of literature review in research (10 marks)
- Q4. Explain any tools which can be used to carry out a research (20 marks)