



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF EDUCATION

**UNIVERSITY EXAMINATION FOR THE DEGREE OF MASTER OF EDUCATION IN
EDUCATIONAL ADMINISTRATION**

1ST YEAR SEMESTER ONE 2018/2019 ACADEMIC YEAR

KISUMU CAMPUS – INSTITUTIONAL BASED

COURSE CODE: EMA 821

COURSE TITLE: RESEARCH METHODS I

DATE: 28/08/19

EXAMS SESSION: 9.00 – 12 NOON

TIME: 3 HRS

INSTRUCTIONS

- 1. This paper contains five (5) questions.**
- 2. Attempt question one (Compulsory) and ANY other TWO questions.**
- 3. Write all the answers in the booklet provided.**

QUESTION ONE

- a) Examine six mixed methods research designs (12marks)
- b) The committee on Scientific and Professional Ethics of the American Psychological Association (1990) published a list of ethical principles for the conduct of research with human subjects. Describe five such ethical Principles (10mks)
- c) Examine four methods a qualitative researcher may use to conduct:
- i) Reliability of instruments (4 marks)
- ii) Validity of instruments (4 marks)

QUESTION TWO

- a) Explain four non- Probability sampling techniques in research (8 marks)
- b) Outline seven distinguishing features between qualitative and quantitative research (7 marks)

QUESTION THREE

- a) Examine the various forms of administering a questionnaire and conducting interview that a researcher may utilize in exploring a problem (10 marks)
- b) Discuss five pre-field work logistics that a researcher has to adhere to (5 marks)

QUESTION FOUR

- a) Explain how you can analyze data collected by way of interview and observation (10 marks)
- b) Explain six Circumstances under which it is appropriate to do quantitative research (5 marks)

QUESTION FIVE

- a) Comment on five justifications and four weaknesses of the following: (8 marks)
- i) Case study
- ii) Survey research
- iii) Ethnography
- iv) Ex-post facto research design
- b) Evaluate the contention that positivism and constructivism theories are critical issues in research (7 marks)