



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF EDUCATION

UNIVERSITY EXAMINATION FOR THE DEGREE OF MASTER OF EDUCATION
(CURRICULUM STUDIES)

1ST YEAR 1ST SEMESTER 2018/2019 ACADEMIC YEAR

INSTITUTIONAL PROGRAMME

KISII CAMPUS

COURSE CODE: ECT 801

COURSE TITLE: RESEARCH METHODS 1

EXAM VENUE: STREAM: M. ED. (CURRICULUM STUDIES)

DATE: EXAM SESSION:

TIME: 3 HOURS

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

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

QUESTION TWO

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

QUESTION THREE

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

QUESTION FOUR

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

QUESTION FIVE

- a)Comment on five justifications and four weaknesses of the following:
 - i) Case study
 - ii) Survey research
 - iii) Ethnography

iv) Ex-post facto research design

(8mks)

b) Evaluate the contention that positivism and constructivism theories are critical issues in research

(7mks)