



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF EDUCATION

UNIVERSITY EXAMINATION FOR THE DEGREE OF MASTER OF EDUCATION

DEGREE IN SPECIAL NEEDS EDUCATION/EARLY CHILDHOOD EDUCATION/

EDUCATIONAL ADMINISTRATION

2ND YEAR 2ND SEMESTER 2016/2017 ACADEMIC YEAR

MAIN CAMPUS SCHOOL BASED

COURSE CODE: EDU 801/ECE 801/EMA 821

COURSE TITLE: RESEARCH METHODS I

EXAM VENUE:

STREAM: (MED)

DATE:

EXAM SESSION:

TIME: 3 HOURS

Instructions:

- 1. Answer Question ONE (COMPULSORY) and ANY other 2 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 (Compulsory)

- a) Explain Six research designs of the mixed methods approach to research (12marks)
- b) Discuss the following types of research:
- i) Case Study
 - ii) Ethnographic research
 - iii) Survey research (3marks)
- c) Examine the contention that Positivism and Constructivism theories are critical issues in research (4marks)
- c) When is it appropriate to conduct:
- i) Qualitative research? (3marks)
 - ii) Quantitative research? (3marks)

QUESTION TWO

- a) What is meant by trustworthiness of qualitative data? (1mark)
- b) Examine four aspects of trustworthiness of qualitative data (8marks)
- c) Examine five methods a qualitative researcher may use to conduct:
- i) Reliability of instruments (3marks)
 - ii) Validity of instruments (3marks)

QUESTION THREE

- a) Gill and John (2002) developed a fourfold categorization of participant observation research roles. Discuss these roles (5marks)
- b) Describe how you can carry out analysis of interview data (5marks)
- c) Examine five circumstances under which a research is said to have committed plagiarism (5marks)

QUESTION FOUR

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

QUESTION FIVE

- a) The committee on Scientific and Professional Ethics of the American Psychological Association published a list of ethical principles for the conduct of research with human subjects. Describe seven such ethical Principles. (7marks)
- b) Discuss four pre-field work logistics that a researcher has to adhere to (8marks)