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

**SCHOOL OF EDUCATION**

**UNIVERSITY EXAMINATION FOR THE DEGREE OF MASTERS OF EDUCATIO N IN SPECIAL NEEDS EDUCATION**

**2015/2016 ACADEMIC YEAR**

**MAIN CAMPUS (SCHOOL BASED)**

**COURSE CODE : EDU 801**

**COURSE TITLE : RESEARCH METHODS I**

**EXAM VENUE: STREAM:**

**DATE: EXAM SESSION:**

**TIME:**

**INSTRUCTIONS**

**ANSWER ANY 3 QUESTIONS.**

**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 a 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:

1. Reliability of instruments (4mks)
2. 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**

1. Examine the various forms of administering a questionnaire and conducting interview that a researcher may utilize in exploring a problem (10mks)
2. 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 five Circumstances under which a researcher may have committed plagiarism (5mks)

**QUESTION FIVE**

a)Comment on five justifications and four weaknesses of the following:

1. Case study
2. Survey research
3. Ethnography
4. Phenomenology (8mks)

b)Evaluate the contention that positivism and constructivism theories are critical issues in research (7mks)