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

**SCHOOL OF EDUCATION**

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

**1ST YEAR 1ST SEMESTER 2016/2017 ACADEMIC YEAR**

**MAIN CAMPUS**

**COURSE CODE: EMA 821/PSY 801**

**COURSE TITLE: RESEARCH METHODS I**

**EXAM VENUE: STREAM: (MED)**

DATE: EXAM SESSION:

TIME: 3.00 HOURS

**Instructions:**

1. **Answer ANY 3 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 the contention that Positivism and Constructivism theories are critical issues in research (10mks)

b) Explain the various mixed methods research designs (12 mks)

c) Discuss the following types of research:

i) Action research

ii) Ethnographic research

iii)Survey research

iv) Phenomenological research (8mks)

**Question two**

1. a)What is meant by trustworthiness of qualitative data? ( 2mks)
2. b)Examine four aspects of trustworthiness of qualitative data (8mks)
3. Examine five methods a qualitative researcher may use to conduct:
4. Reliability of instruments (5mks)
5. Validity of instruments (5mks)

**Question three**

a) Gill and john (2002) developed a fourfold categorization of participant observation research roles. Discuss these roles (10mks)

b) Describe how you can carry out analysis of interview data (10mks)

**Question four**

a)b) Explain four Probability sampling techniquesin research (10 mks)

b)Outlineseven distinguishing features between qualitative and quantitative research

(10 mks).

**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 FIVE such ethical Principles. (10mks)

b) Discuss FIVE pre-field work logistics that a researcher has to adhere to (10 mks)