



**JARAMOGI ODINGA OGINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
**SCHOOL OF EDUCATION**  
**UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF EDUCATION**  
**ARTS WITH IT**  
**1<sup>ST</sup> YEAR, 2<sup>ND</sup> SEMESTER, 2016/2017 ACADEMIC YEAR**  
**MAIN CAMPUS, SCHOOL BASED**

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**COURSE CODE: EMA 821/EDU 801/ECE 801**

**COURSE TITLE: RESEARCH METHODS II**

**DATE APRIL, 2017**

**STREAM: MED**

**TIME: 2HOURS**

**EXAM SESSION: .....**

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**Instructions:**

**1 Answer question ONE (COMPULSORY) and ANY other TWO questions.**

**2 Candidates are advised not to write on the question paper.**

**3 Candidate must hand in their answer booklets to the invigilator while in the examination room.**

### QUESTION ONE (Compulsory)

a) When is it appropriate to conduct:

i) Qualitative research? (3mks)

ii) Quantitative research? (4mks)

c) Examine the contention that Positivism and Constructivism theories are critical issues in research (5mks)

b) Discuss the following types of research:

i) Case Study

ii) Ethnographic research

iii) Survey research (6mks)

a) Explain Six research designs of the mixed methods approach to research (12 mks)

### QUESTION TWO

a) What is meant by trustworthiness of qualitative data? (1 mk)

b) Examine four aspects of trustworthiness of qualitative data (8mks)

c) Examine five methods a qualitative researcher may use to conduct:

i) Reliability of instruments (3mks)

ii) Validity of instruments (3mks)

### QUESTION THREE

a) Gill and John (2002) developed a fourfold categorization of participant observation research roles. Discuss these roles (5mks)

b) Describe how you can carry out analysis of interview data (5mks)

c) Examine five circumstances under which a research is said to have committed plagiarism (5mks)

### QUESTION FOUR

a) b) Explain four Probability sampling techniques in research (8mks)

b) Outline seven distinguishing features between qualitative and quantitative research

(7mks).

### **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.

(7mks)

b) Discuss four pre-field work logistics that a researcher has to adhere to

( 8mks)

END