

**CHUKA**



**UNIVERSITY**

**UNIVERSITY EXAMINATIONS**

**THARAKA CAMPUS**

**EXAMINATION FOR THE AWARD OF DEGREE OF DOCTORATE IN**

**EDUC 901/EAPE 901: ADVANCED RESEARCH METHODS IN EDUCATION**

**STREAMS: PhD**

**TIME: 3 HOURS**

**DAY/DATE: MONDAY 12/08/2019**

**8.30 A.M. – 11.30 A.M.**

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**INSTRUCTIONS:**

- **Answer question ONE and any other TWO questions**
- **Do not write on the question paper**

- Q1. (a) Explain the following terms used in advanced research methods in education
- (i) Ethics
  - (ii) Sampling
  - (iii) Hypothesis
  - (iv) Research population
  - (v) Research proposal (10 marks)
- (b) By use of examples, discuss the following research variables.
- (i) Dependent
  - (ii) Independent
  - (iii) Extraneous
  - (iv) Intervening
- (c) Identify the major components of a research proposal. (8 marks)
- Q2. (a) A successful research undertaking depends on a good relationship between a researcher and a research participant. Explain. (10 marks)
- (b) Highlight FIVE characteristics of a good hypothesis. (5 marks)

- Q3. (a) State the types of triangulation in research. (5 marks)
- (b) Discuss the advantages and disadvantages of triangulation in research. (10 marks)
- Q4. Discuss the following qualitative research designs.
- (a) Observation (10 marks)
- (b) Interview (10 marks)
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