

**CHUKA**



**UNIVERSITY**

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**UNIVERSITY EXAMINATIONS  
RESIT/SPECIAL EXAMINATIONS**

**EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF SCIENCE IN  
AGRICULTURAL ECONOMICS**

**AGEC 312: RESEARCH METHODS**

**STREAMS:**

**TIME: 2 HOURS**

**DAY/DATE: MONDAY 23/07/2018**

**2.30 P.M – 4.30 P.M**

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**INSTRUCTION:**

- **Answer question one and any other two**

- (a) Define research. [2marks]

(b) Briefly illustrate the importance of research. [5marks]

(c) Differentiate between pure/basic research versus applied research. [4marks]

(d) Assume that you are required to do a research relating Agricultural economics such as “Effects of fertilizer adoption on maize productivity by small scale farmers”. What are the logical steps that you would follow to make a success? [10marks]

(e) Discuss the conditions that a good research problem must meet. [4marks]

(f) Differentiate between a project proposal and a research proposal. [5marks]
- (a) What is the purpose of literature review in a research? [10marks]

(b) What is pre-testing of a questionnaire? [2marks]

(c) Why would a researcher need to pre –test a questionnaire? [8marks]
- (a) What is data editing? [2marks]

(b) Briefly discuss the importance of data editing in a research. [10marks]

(c) What are the measures that a researcher is likely to take in order to avoid plagiarism.

[8marks]

4. (a) Discuss the following categories of quantitative data. [12marks]

(i) Nominal

(ii) Ordinal

(iii) Interval

(iv) Ratio

(b) Discuss the measures of central tendency that your researcher would use when carrying out a study. [8marks]

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