

CHUKA



UNIVERSITY

COLLEGE

UNIVERSITY EXAMINATIONS

**FOURTH YEAR EXAMINATION FOR THE AWARD OF DEGREE OF
BACHELOR OF AGRIBUSINESS MANAGEMENT**

AGEC 312: RESEARCH METHODS

STREAMS: B.AGBM Y4S1

TIME: 2 HOURS

DAY/DATE: MONDAY 17/12/2012

11.30 A.M – 1.30 P.M.

INSTRUCTIONS:

Answer all questions
Start each question on a new page
Do not write on the question paper

Question 1

Think of a problematic situation in Kenya. From that situation, come up with the following:

- (i) Write the title of your study [2 marks]
- (ii) State the problem of the study [4 marks]
- (iii) State at least two objectives of the study [2 marks]
- (iv) State at least two hypothesis of the study [2 marks]
- (v) Before data is collected one must specify a level of significance or the probability of committing a Type 1 error. Describe the relationship that exist between the level of significance and Type 1 error when testing hypothesis. [8 marks]
- (vi) Describe the sampling procedure you would use if your population is heterogeneous and you are seeking to present a minority group in the sample. Why do you think this method is the most appropriate? [7 marks]
- (vii) Can the study you have come up with be classified as a scientific study? If yes why? [5 marks]

Question 2

In research, when constructing a questionnaire, it is important to know what level of measurement you are working with as this partly determines the arithmetic and statistical operations as you can carry out on them. While giving examples, discuss the various levels of measurement in ascending order to precision and state the appropriate statistical operation for each level. [20 marks]

Question 3

- (i) Showing your understanding of the many ways that sample size becomes a consideration in research design and interpretation of results; discuss the significance of sample size in research. Does a larger sample always mean a “better” study? [10 marks]
 - (ii) What are the main points you should consider when using secondary data? [3 marks]
 - (iii) What are the characteristics of a good literature review? [7 marks]
-