MASENO UNIVERSITY

UNIVERSITY EXAMINATIONS 2015/2016

FIRST YEAR SECOND SEMESTER EXAMINATIONS FOR THE
DEGREE OF MASTER OF ARTS IN ECONOMICS

CITY CAMPUS

AEC 804: RESEARCH METHODS

Date: 24th April, 2016

Time: 2.00 - 5.00 pm

INSTRUCTIONS:

- Answer ANY FOUR questions

QUESTION ONE

Explain the relevance of the following in scientific research process

a) Statement of research problem (3marks).
b) Research design (3marks).
c) Theoretical framework (3marks).
d) Study sample (3marks).
e) Study universe (3marks).

QUESTION TWO

a) Identify and explain any three types of research (3 marks)
b) Give reasons for conduction research (4marks)
c) Discuss the qualities of good research(4marks)
d) Explain ethical issues to be observed in research(4marks)

QUESTION THREE

a) Explain the procedure of testing research hypothesis (10 marks)
b) Discuss the role of literature review in scientific research (5 marks)

QUESTION FOUR

a) The regression results below show the relationship between three predictors and criterion variable (Y)

Correlation Coefficients				
	Y	X1	X2	X3
Y	1.0000	0.1965	0.1620	-0.13890
X1	0.1965	1.0000	0.6484	-0.0468
X2	0.1620	0.6484	1.0000	0.0038
X3	-0.1389	-0.0468	0.0038	1.0000

Variables in the Equation				
	B	SE B	Beta	T	Sig T
X2	0.069157	0.046243	0.06739	1.495	0.1352
X3	-0.64475	0.167312	-0.132339	-3.854	0.0001
X1	0.184873	0.056871	0.146643	3.251	0.0012
C	10.825611	0.582502		18.585	0.0000

In the context of the results,

   i.   Discuss the predictor contributions in the equation (6marks)

  ii.   What are the likely effects if X1 is removed from the equation (3 marks)

 iii.   Interpret the implication of the correlation coefficients (6 marks)

QUESTION FIVE

   a) Compare and contrast use of secondary data or primary in economic research (10 marks)

   b) Explain the difference between discussion and interpretation of results (10 marks)

QUESTION SIX

   a) Explain the concept of measurement process in research (5 marks)

   b) Explain the types of errors and their sources in research (10 marks)