



MASENO UNIVERSITY

UNIVERSITY EXAMINATIONS 2013/2014

FIRST YEAR FIRST SEMESTER EXAMINATION FOR THE
DEGREE OF MASTER OF EDUCATION IN EDUCATIONAL
PLANNING AND ECONOMICS

(CITY CAMPUS)

EMA 821: RESEARCH METHODS

Date: 18th December, 2013

Time: 9.00 – 12.00 noon

INSTRUCTIONS:

- Answer ANY THREE questions.

CITY CAMPUS

EMA 821: RESEARCH METHODS 1

INSTRUCTIONS: Answer ANY THREE questions Date:.....

THREE HOURS

1. a) Discuss any **five** traditional approaches of research used to explain the search for the truth. (10 marks)
- b) Explain how scientific approach differs from the traditional approaches of research. (10 marks)
2. a) Explain the value of Correlation research design in data gathering in education. (4marks)
- b) Discuss the salient features of Ex-post-facto research design. (8 marks)
- c) Describe the steps which a researcher may adopt in conducting survey research. (8 marks)
3. a) Distinguish between qualitative and quantitative research methods. (10 marks)
- b) Account for the strengths and weaknesses of research methods in 3(a). (10 marks)
4. Explain how a researcher should use each of the following sampling techniques:
 - i. Cluster Random sampling (5 Marks)
 - ii. Stratified Random Sampling technique (5 marks)
 - iii. Quota sampling technique (5 marks)
 - iv. Convenience Sampling technique (5 marks)
5. a) Examine the steps a researcher should take into account when constructing a questionnaire. ((10 marks)
- b) Explain **five** ethical issues a researcher should observe when collecting data. (10 marks)