



MASENO UNIVERSITY
UNIVERSITY EXAMINATIONS 2016/2017

**THIRD YEAR SECOND SEMESTER EXAMINATION FOR THE
DEGREE OF BACHELOR OF SCIENCE IN AGRICULTURAL
ECONOMICS, AGRIBUSINESS MANAGMENT WITH
INFORMATION TECHNOLOGY**

MAIN CAMPUS

AEG 308: RESEARCH METHODS

Date: 20th June, 2017

Time: 8.30 - 11.30am

INSTRUCTIONS:

- Answer ALL Questions in section A and any other TWO in section B



SECTION A: 40 MARKS

1. a) What is research? (2 marks)
b) Mention the different classifications of research? (6 marks)
2. What do you understand by the following terminologies in research?
 - a) Sampling (1.5 marks)

 - b) Sampling frame (1.5 marks)
 - c) Variables (1.5 marks)
 - d) Parameter (1.5 marks)
 - e) Data (1.5 marks)
 - f) Population (1.5 marks)
3. Outline the methods used in collection of primary data (6 marks)
4. Compare and contrast qualitative data and quantitative data (4 marks)
5. a) Enlist and discuss briefly the most important steps in data preparation process? (7 marks)
b) If you were developing a questionnaire for a rural development project. What are the kinds of questions you would include in the research questionnaire? (6 marks)

SECTION B: 30 MARKS

6. Discuss in details the use of P.E.R.T (Programme Evaluation and Review Technique) in an overview of networks analysis (15 marks)
 7. Discuss the step by step processes of preparing a research proposal for a funded project (15 marks)
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8. Dr. Wasike and a team of livestock experts from Ethiopia intend to undertake a research on the spread of a rinder pest in Mandera County. What sampling method would you recommend them to use for effective coverage of the county? Discuss (15 marks)