



MAASAI MARA UNIVERSITY

REGULAR UNIVERSITY EXAMINATIONS

2017/2018 ACADEMIC YEAR

THIRD YEAR SECOND SEMESTER

**SCHOOL OF BUSINESS AND ECONOMICS
BACHELOR OF SCIENCE IN AGRICULTURAL
ECONOMICS AND RESOURCE
MANAGEMENT**

COURSE CODE: ARE 363

COURSE TITLE: RESEARCH METHODOLOGY

DATE: 24TH APRIL, 2018

TIME: 08:30 – 10:30AM

INSTRUCTIONS TO CANDIDATES

Answer Question **ONE** and any other **THREE** questions

*This paper consists of **TWO** printed pages. Please turn over.*

QUESTION ONE

- a) There are various steps in research process and they vary based on the research problem. Explain the steps involved in the research process keeping in mind the context of the research problem. **(7marks)**
- b) Define research and discuss the objectives of research in detail. **(6marks)**
- c) Synthesizing and critical analysis of a problem are two important faces of research. Justify **(6marks)**
- d) "Ethics in research is the need of the hour". Discuss. **(6marks)**

QUESTION TWO

- a) Differentiate between descriptive and analytical research **(6marks)**
- b) Statistical Analysis and Modeling plays a vital role in research. Explain. **(9marks)**

QUESTION THREE

- a) Define multivariate analysis and give any four examples **(4marks)**
- b) The heights of 30 Agricultural economics students in Maasai Mara University are as follows:
66, 68, 65, 70, 67, 64, 68, 64, 66, 64, 70, 72, 71, 69, 69, 64, 67, 63, 70, 71, 63, 68, 67, 65, 69, 65, 67, 66, 69, 67
 - i. Prepare a frequency distribution table showing relative frequency **(4marks)**
 - ii. Calculate the standard deviation **(7marks)**

QUESTION FOUR

- a) Discuss the role of computer in research **(8marks)**
- b) Describe, in brief the layout of a research report, covering all relevant points **(7marks)**

QUESTION FIVE

- a) Explain the significance of literature review **(8marks)**
- b) Explain the relevance to a student of knowing how to conduct a research **(7marks)**

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