

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

**EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF
SCIENCE IN AGRICULTURAL ECONOMICS AND BACHELOR OF
AGRIBUSINESS MANAGEMENT**

AGEC 312: RESEARCH METHODS

STREAMS: AGEC (Y3S1), AGBM (Y3S1)

TIME: 2 HOURS

DAY/DATE: FRIDAY 13/12/2024

2.30 P.M. – 4.30 P.M.

INSTRUCTIONS:

- Answer ALL questions in SECTION A and any THREE in SECTION B.
- Do not write on the question paper

SECTION A

QUESTION ONE

- a) Succinctly explain the following classes of research
- Action research **(3 marks)**
 - Historical research **(3 marks)**
 - Experimental research **(3 marks)**
- b) Explain five distinguishing features between research methods and research methodology **(5 marks)**
- c) Discuss the four conditions that a research problem must meet **(4 Marks)**
- d) Discuss four Objectives of research **(4 Marks)**
- e) Discuss the ethical considerations that you should consider when undertaking research **(3Marks)**

SECTION B

QUESTION TWO

- a) Discuss five characteristics of a good sampling design **(5 marks)**
- b) Discuss the sources of measurement errors in research **(4marks)**

- c) Discuss six conditions that make it appropriate to use a questionnaire for research **(6 marks)**

QUESTION THREE

- a) Describe the types of questions that the researcher can input in a questionnaire while conducting research. Include examples of such questions **(8 marks)**
- b) Illustrate the seven pertinent characteristics of the scientific research methods **(7 marks)**

QUESTION FOUR

- a) An abstract is a condensation of the final report. Discuss the contents that a researcher should include in the abstract. **(5 marks)**
- b) Discuss the importance of observation in social research **(2 marks)**
- c) Describe eight variables that a researcher is likely to encounter while researching “Socioeconomic Factors Influencing Dairy Farmers’ Decision to Adopt the Use of Artificial Insemination in Tharaka Nithi County” Explain how you will measure each variable **(8 marks)**

QUESTION FIVE

- a) Explain the five components of a research justification **(5 marks)**
 - b) Explain five components of a workable hypothesis **(5 marks)**
 - c) Describe five roles of a literature review in research **(5 marks)**
-