

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

**EXAMINATION FOR THE AWARD OF DEGREE OF DOCTOR OF PHILOSOPHY IN
EDUCATION**

EDUC 901: ADVANCED RESEARCH METHODS IN EDUCATION

STREAMS:

TIME:3 HOURS

DAY/DATE: TUESDAY 25/04/2023

8.30 A.M. –11.30 A.M.

INSTRUCITONS

Answer question One and any two questions

Do not write on the question paper

Q1. a) Explain what research is, its uses and characteristics of a good research problem.

(10 marks)

b) Discuss why the approach (quantitative and qualitative) you would use in undertaking a study will not be due to epistemological/philosophical/bias but the nature of the study (10 marks)

c) What measures must one take to minimize or avoid biases in data analysis stage of a quantitative research (10 marks)

Q2. The importance of literature review in any research process is an activity in which it cannot be down played, explain the purpose of conducting literature review in any research undertaking (15 marks)

Q3. a) Explain five major issues of ethical consideration in research (5 marks)

b) Discuss the merits and demerits of experimental research design in education (10 marks)

Q4. Demonstrate your understanding of data collection (inquiry protocol) to a group of young researchers (15 marks)