

THARAKA



UNIVERSITY

COLLEGE

(A Constituent College of Chuka University)

UNIVERSITY EXAMINATIONS

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

CPSY 911/EDUC 901: ADVANCED RESEARCH METHODOLOGY

STREAMS: PHD YISI

TIME: 3 HOURS

DAY/DATE: TUESDAY 21/04/2020

8.30 AM – 11.30 AM

INSTRUCTIONS:

The paper consists of five questions. Question One is Compulsory. Choose any other Two Questions

Question One (30 Marks) – Compulsory

- (a) Explain four objectives of research. [4 marks]
- (b) Apart from scientific method, describe three sources of knowledge. [3 marks]
- (c) Theoretical framework must align itself to the topic of study. Discuss this assertion citing relevant examples. [6 marks]
- (d) Discuss the purpose of literature review in research. [5 marks]
- (e) Analyze the five steps involved in the scientific method. [5 marks]
- (f) Explain three ethical considerations in research. [6 marks]

Question Two (15 Marks)

- (a) Give a detailed analysis of quantitative and qualitative research methodologies citing relevant examples. [8 marks]
- (b) Internal and external validity is critical in research. How do you account for the assertion in research. [7 marks]

Question Three (15 Marks)

- (a) Give an analysis for the following research designs. [9 marks]
- (i) Ethnographies
 - (ii) Case studies
 - (iii) Causal comparative
- (b) Explain factors to consider when choosing methods or techniques of data analysis. [6 marks]

Question Four (15 Marks)

- (a) Describe the two sampling designs citing relevant examples. [8 marks]
- (b) Distinguish between naturalistic research designs and experimental research designs. [7 marks]

Question Five (15 Marks)

- (a) Describe the process or steps involved in conducting research. [8 marks]
- (b) Analyze seven characteristics of scientific research. [7 marks]
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