

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EMBU CAMPUS

EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF EDUCATION

EPSC 224: RESEARCH METHODS IN EDUCATION

STREAMS: SB

TIME: 2 HOURS

DAY/DATE: FRIDAY 06/12/2019

2.30 P.M. – 4.30 P.M.

INSTRUCTIONS:

- **Answer question one and any other two**

1. (a) Define the following terms;
 - i. Research (2 marks)
 - ii. Variable (2 marks)
 - iii. Data (2 marks)
- b) Differentiate between the following terms:
 - i. Alternative and null hypothesis (2 marks)
 - ii. Basic and applied research (2 marks)
- c) Explain four scientific methods of acquiring knowledge. (8 marks)
- d) Explain five data collection instruments in quantitative and qualitative research. (6 marks)
- e) Discuss the significance of discussing research. (6 marks)

2. a) Describe the process of research in education. (10 marks)
- b) What is the importance of carrying out literature review for the study? (10 marks)
- 3 a) Explain the main features of qualitative research paradigm. (10 marks)
- b) Discuss five probability sampling techniques in research paradigm. (10 marks)
- 4 a) Describe the criteria of a good research problem. (10 marks)
- b) Explain the five challenges of conducting research. (10 marks)
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