

LAIKIPIA



EPSC 812

UNIVERSITY

UNIVERSITY EXAMINATIONS

2ND SEMESTER 2024/2025 ACADEMIC YEAR

MASTERS EXAMINATION FOR BACHELOR OF EDUCATION

EPSC 812: RESEARCH METHODS IN EDUCATION

STREAM: R

TIME: 2 HRS

DAY: MONDAY (12.30-15.30PM)

DATE: 14/4/25

THIS QUESTION PAPER CONSISTS OF TWO (2) PAGES

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Vision: Nurture and Transform for the World

Mission: To Contribute to the World through Education, Research, Training, Consultancy, Innovation, Outreach and Collaboration

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INSTRUCTIONS: Answer question **ONE** and any other **TWO** questions

QUESTION ONE (20 MARKS)

- a) Explain the following terms as applied in research:
- i. Ethical considerations (1 marks)
 - ii. APA style of referencing (1 marks)
 - iii. Informed Consent (1 marks)
 - iv. Research hypothesis (1marks)
- b) Describe the questionnaire as a tool of data collection (6mks)
- c) Discuss ethical consideration in research (4mks)
- c) Describe two probability and one non-probability sampling designs. (6marks)

QUESTION TWO (20 MARKS)

- (a) Literature review in a research proposal is very crucial.
- i. Expound on the importance of literature to a researcher. (5marks)
 - ii. Explain the due diligence that a researcher should observe in carrying out an exhaustive literature review (10marks)
- b) Giving an appropriate example, explain the applicability of quantitative research design in social sciences (5marks)

QUESTION THREE (20 MARKS)

- a) Explain four types of validity (16marks)
- b) With a stated hypothetical research title, explain how a researcher may test the validity of instruments (4marks)

QUESTION FOUR (20 MARKS)

- a) Discuss four types of variables in research (8marks)
- b) Examine three types of reliability in research (12marks)

QUESTION FIVE (20 MARKS)

- a) Explain the presentation of the background of the study in research (6marks)
- b) Expound on the theoretical framework in research (4marks)
- c) With an appropriate hypothetical research title, explain the relationship between the theoretical framework and conceptual framework in research. (10marks)