

CHUKA



UNIVERSITY

**UNIVERSITY EXAMINATIONS
THARAKA CAMPUS**

EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF EDUCATION

EPSC 222: RESEARCH METHODS IN EDUCATION

STREAMS: BED(ARTS) PART TIME

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 4/12/2019

11.30 A.M – 1.30 P.M

INSTRUCTIONS

Answer question one and any other THREE questions

Do not write anything on the question paper

QUESTION ONE (25 MARKS)

1. (a) Differentiate the following terms as used in research:
 - (i) Independent and dependent variables [2 marks]
 - (ii) Basic and applied research [2 marks]
- (b) What do you understand by the following terms in research?
 - (i) Accessible population [2 marks]
 - (ii) Respondent [2 marks]
- (c) You have been appointed a manager of a production company in your city. Explain four reasons that would make you invest in research. [8 marks]
- (d) Following are prices of a commodity in different markets in Tharaka Nithi county:
55,68,64,60,59,60,58 and 62
 - (i) Illustrate this data in a frequency distribution table. [2 marks]
 - (ii) Determine the mean of the data. [1 mark]
 - (iii) Determine the median of the data. [1 mark]
- (e) Explain five characteristics of research. [5 marks]

QUESTION TWO (15 MARKS)

- (a) You have been appointed to lead a group carrying out a research in your class. Explain the characteristics of a well stated problem in your research. [6 marks]
- (b) Discuss why you would engage yourself in extensive literature review in your research. [9 marks]

QUESTION THREE (15 MARKS)

- (a) Discuss the steps you would follow in analyzing quantitative data in research. [8 marks]
- (b) Explain the measurement scales used in research. [7 marks]

QUESTION FOUR (15 MARKS)

- (a) The quality of research data collected depends on the quality of sample from which the data is collected. Discuss four probability sampling design research. [8 marks]
- (b) Explain the ethical issues you would consider when collecting data from respondents during research. [7 marks]

QUESTION FIVE (15 MARKS)

- (a) Suppose you were looking for a research problem to study and you are expecting difficulties in identifying one. Discuss five areas that would be the source of your research problem. [8 marks]
- (b) It is said that good objectives leads to good research. Explain the characteristics of a good research objectives. [7 marks]
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