



KIBABII UNIVERSITY
UNIVERSITY EXAMINATION
ACADEMIC YEAR 2019/2020

SECOND YEAR SECOND SEMISTER SPECIAL/SUPPLEMENTARY EXAMINATION
FOR THE DIPLOMA IN EDUCATION ARTS

COURSE CODE: EDD 017

COURSE TITLE: Research Methods in Education

DATE: FRIDAY05 Feb 2021 TIME 08:00-10:00 DURATION: 2HOURS

INSTRUCTIONS TO CANDIDATES

Answer Question One (compulsory) and any other TWO (2) Questions

KIBU observes ZERO tolerance to examination cheating

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Question #1 [30 Marks]

- a) Define the term Research as applied in education [2 marks]
- b) Differentiate between qualitative and quantitative research [4 marks]
- c) Discuss four qualities of a good problem statement. [8 Marks]
- d) Explain the difference between citation and references as applied in research [4 Marks]
- e) Defines the following terms as applied in research [6 Marks]
 - I. Research question
 - II. Theoretical framework
 - III. Population of the study
- f) Explain any three challenges a researcher can encounter in the field when collecting data [6 Marks]

Question #2 [20 Marks]

- a) Stating three advantages, discuss any four research design applied in research (16 marks)
- b) Define the following terms as applied to research methodology (4 marks)
 - i. Study population
 - ii. Target population

Question #3 [20 Marks]

- a) What is the difference between primary and secondary data? (4 marks)
- b) Discuss two types of questionnaires (4 marks)
- c) What is the difference between independent and dependent variable (4 marks)
- d) The Dean of students has noticed decline in academic performance of games students. The Dean wants to carry out a research on the same issue.
 - i. Suggest a good topic for the study (2 marks)
 - ii. What will be the target population of the study? (3 marks)
 - iii. Name any three instruments that the dean would use to collect data (3 marks)

Question #4 [20 Marks]

- a) What is the difference between reliability and validity of research instruments [4 Marks]
- b) Briefly explain the process of ensuring that research instruments are reliable for data collection [8 marks]
- c) Consider the following topic "*Early parenthood effects on academic performance of female students in Kibabii University*"
 - i. Identify the independent and dependent variable in the following title (2 marks)
 - ii. What is the geographical scope of the study (1 marks)
 - iii. Suggest two moderating variables for the study (2 marks)
 - iv. Draw a conceptual framework for the study (3 marks)

Question #5 [20 Marks]

- a) Define the following terms [4 marks]
 - i. Abstract
 - ii. Inferential Statistics
 - iii. Sampling
 - iv. Research objectives

- b) Discuss any three ways data can be presented in research [6 marks]
- c) State any four components of an abstract (2marks)
- d) Differentiate between Stratified random sampling and simple random sampling (4 marks)
- e) Define the term knowledge gap as applied in research (2 marks)
- f) State any two places a research can get literature review (2 marks)