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KIRIRI WOMEN'S UNIVERSITY OF SCIENCE AND TECHNOLOGY
UNIVERSITY EXAMINATION, 2024/2025 ACADEMIC YEAR
THIRD YEAR, FIRST SEMESTER EXAMINATION
FOR THE BACHELOR OF EDUCATION (ARTS)

Date: 12th April, 2024
Time: 8.30am-10.30am

KEF 2302: RESEARCH METHODS IN EDUCATION

INSTRUCTIONS TO CANDIDATES

ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS

QUESTION ONE (30 MARKS)

- Justify the importance of research in any discipline of study. (5 Marks)
- “Without literature review, there will be duplication of studies”. Explain. (7 Marks)
- Describe the value of sampling in any research work. (5 Marks)
- Explain the importance of ethical considerations in research. (5 Marks)
- Discuss the value of theoretical framework in any research work. (8 Marks)

QUESTION TWO (20 MARKS)

In seeking to understand why over 48,000 candidates scored a grade of E in Kenya Certificate of Secondary Education (KCSE), Elima settled for Kiambu County which had majority of students scoring E. using Elima's study attempt the following questions:

- What would be the appropriate topic for her research? (2 Marks)
- Out of the 48,000 national statistics, explain how she will get a small sample for Kiambu County. (3 Marks)
- In not more than five hundred words, give a sample statement of a problem befitting her research. (10 Marks)
- Give and justify the best research design for Elima's study. (5 Marks)

QUESTION THREE (20 MARKS)

In every research, the sources used in developing the study must be properly cited and referenced. In view of this, answer the following questions:

- Why is it necessary to cite/ reference other works used in any form of research (3 Marks)
- Considering that a researcher is making use of in-text citations, show three different ways of representing the author's ideas. (6 Marks)
- “During the literature review, a researcher must fill the knowledge gaps”. Respond. (5 Marks)
- Using **three** authors of your choice, write a bibliography of different source materials by use of APA referencing style. (6 Marks)

QUESTION FOUR (20 MARKS)

Respond to the following statements in light of research in education.

- a) Ethnography is the best research design in studying human behavior and culture. (5 Marks)
- b) “Grounded theory utilizes a “bottom-up” approach in collecting and analyzing data and thus, it is inductive in nature”. (8 Marks)
- c) With examples, discuss what entails data analysis. (7 Marks)

QUESTION FIVE (20 MARKS)

- a) What are the possible sources of research problems? (5 Marks)
- b) Differentiate between stratified sampling and simple random sampling. (6 Marks)
- c) Explain the disadvantages of using questionnaires in research. (5 Marks)
- d) Evaluate the benefits of taking Research Methods in Education to the student of Bachelor of Education (Arts). (4 Marks)