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KIRIRI WOMENS' UNIVERSITY OF SCIENCE AND TECHNOLOGY
UNIVERSITY EXAMINATION, 2023/2024 ACADEMIC YEAR
THIRD YEAR, SECOND SEMESTER EXAMINATION
FOR THE DEGREE OF BACHELOR OF EDUCATION(ARTS)
KEF 2302:RESEARCH METHODS IN EDUCATION

Date: 14th December 2023

Time:2.30pm-4.30pm

INSTRUCTIONS TO CANDIDATES:

ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS

QUESTION ONE (30 MARKS)

- a) Differentiate the following concepts in educational research:
- i) Qualitative and quantitative approaches. (4 marks)
 - ii) Target population and sample size (4 marks)
- b) "A research must contribute to new knowledge". Explain this statement with regard to the purpose of research in education. (5 marks)
- c) Describe how research in education can influence the following:
- i) Educational policies (5 marks)
 - ii) Curriculum Review (5 marks)
- d) Citing examples, explain what entails the following in research:
- i) Ethical considerations (3 Marks)
 - ii) Response Rate (2 marks)
 - iii) Non- Response error (2 Marks)

QUESTION TWO (20 MARKS)

- a) "The literature review is very critical in any research for it not only grounds the research but also fills knowledge gaps". Discuss. (10 Marks).
- b) Educational research utilizes theories to interpret the phenomenon under study. Using your areas of specialization give and analyze **two** theories you can use in a project. Consider the basic rules of using a theory. (10 marks).

QUESTION THREE (20 MARKS)

Using the table provided below answer, the following questions:

| Author | Year | Title | Publisher/City |
|------------------------|------|---|-----------------------------------|
| Jothan Wanjohi Kariuki | 2001 | Teaching Methods in Education | Times publishers Nairobi |
| Stephen Kioko David | 2010 | Religious Fanaticism in Kenya | Uzima springs publishers Eldoret |
| Justus Mile Kitheka | 2013 | Statistics simplified: a guide to basic statistics | Oxford University Press, Michigan |
| Gecaga Margaret Muthui | 2017 | Geographical thoughts: A guide to basic tenets of Geography | Nairobi University Press, Nairobi |
| Jane WaKarindi | 2018 | The role of literature in Feminist discourse in Kenya | Cape town publishers, cape town |

- a) Express **four** ways a student can cite the above scholars within the text of his/her project. (4 marks)
- b) Using APA referencing style, develop a bibliography from the above scholars (10 marks)
- c) Describe the importance of using citations in any research work. (6 marks).

QUESTION FOUR (20 MARKS)

Lydia Mutembei is carrying out a project in Makueni County focusing on the poor performance of learners Mathematics in Kenya National Certificate of Secondary School. She realizes that her target population is 6000; consisting of teachers and students from the various secondary schools in that County.

- a) Justify **three** ways she can use to select respondents for her research project. (6 Marks)
- b) Supposing that she had 196 respondents and only 151 responded, calculate the response rate of the study. (2 Marks).
- c) Lydia will be forced to use several data collection tools. Identity **three** of these methods and justify the selection of each method. (6 marks).
- d) Using a table and a pie chart or a graph, show how Lydia can present part of the findings of the project. (6 Marks).

QUESTION FIVE (20 MARKS)

- a) Using the following book description, express how you can present the following book chapter as part of your bibliography. (5 marks)

Editors: Dina OChola, Mercy Oduyoye and Alice Mungai.
Year of publication, 2009.
Publisher: Pazuri Publishers, Accra, Ghana.
Title of the book: History of Political ideas in Africa.
Author of the chapter: Grace Wamue
Title of the Chapter: Political ideologies underpinning under-representation of women in politics in Africa.
- b) Describe the uniqueness of the following approaches in Educational research
 - i) Case studies (5 marks)
 - ii) Grounded Theory (5 marks)
 - iii) Ethnography (5 marks).