



# **MACHAKOS UNIVERSITY**

**University Examinations for 2018/2019 Academic Year**

**SCHOOL OF EDUCATION**

**DEPARTMENT OF EDUCATIONAL MANAGEMENT AND CURRICULUM STUDIES**

**APRIL SESSION EXAMINATION FOR DOCTOR OF PHILOSOPHY**

**EDUCATIONAL ADMINISTRATION/ EDUCATIONAL PSYCHOLOGY**

**ECC 900:ADVANCED EDUCATIONAL RESEARCH METHOD**

**DATE: 7/8/2019**

**TIME: 2.00-5.00 PM**

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## **INSTRUCTIONS:**

**Answer QUESTION ONE and any other TWO QUESTIONS**

### **QUESTION ONE**

- a) A postgraduate student set out to investigate the influence of Head teacher's leadership on students' performance in KCSE in Busia County, Kenya. In reference to the above, answer the following questions;
- i. Precisely state the problem statement of the proposed study (2 marks)
  - ii. Describe the purpose of the study? (2 marks)
  - iii. State any three objectives that you are likely to derive from the above study (3 marks)
  - iv. State the corresponding questions to the listed objectives (3 marks)
  - v. Construct a conceptual framework on the bases of the variables contained in the research topic. Specify indicators for each type of variables (10 marks)
- b) Define research design, random sampling, cluster sampling, convenience sampling and purposive sampling (5 marks)

## QUESTION TWO

- a) Using relevant examples, discuss FIVE characteristics of a good research problem (5 marks)
- b) what is the meaning of the following concepts/phrases? (5 marks)
  - i. Data
  - ii. Research objective
  - iii. Target population □ Research problem
  - iv. Assumption of the study.
- c) Using examples, discuss the importance of the Summary, Conclusion and Recommendation sections in a thesis (10 marks)
- d) What is triangulation in research? Illustrate with examples (5 marks)

## QUESTION THREE

- a) Discuss five ethical considerations in educational research and mention the challenges researchers may face when they fail to adhere to them (10 marks)
- b) Discuss any three research designs that are ideal for using in qualitative research (10 marks)
- c) Identify FIVE remarkable distinctive features of a research proposal and thesis (5 marks)

## QUESTION FOUR

- a) Describe FIVE qualities a researcher must possess in order to be able to handle qualitative data competently (5 marks)
- b) State some limitations of ex post facto and survey research designs and describe control procedures that can be used to minimize these limitations (10 marks)
- c) State and describe the key elements of chapter one of a research proposal (10 marks)

## QUESTION FIVE

- a) Define and state the importance of the under listed activities in scholarly writing (10 marks)
  - i. Editing
  - ii. Integrity
  - iii. Confidentiality
  - iv. Publishing
  - v. Peer Review.

b) Write the reference list of the citations given below according to the APA format (10 marks)

Pamela Oyugi, (2006). Unpublished M.Phil. Thesis, Kenyatta University.

i. The Luo History of Polygamy,

ii. Kenya, Republic of. (1965). Kenya Education Report Part 1I. Nairobi: Government Printer.  
Also known as The Ominde Report Part 11.

iii. EALB. [Ishumi, G. \(1976\). Education and Development: Theory and Practice. Nairobi .](#)

iv. (2005). [Kestereen, G. Global Response: Environmental Action and Education, Amsterdam, Indigo Magazine, accessed from <http://www.nicv.net/engel/mau/20forests.htm>.](#)

v. [The Marakwet of Kenya: A Preliminary Study. Nairobi: East Africa Literature Bureau.](#)

Kipkorir, B. & P. Welbourn (1973).

c) Why is a budget an important component of research? Discuss (5 marks)