



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2016/2017

INSTITUTIONAL BASED PROGRAMME (IBP) DECEMBER 2016 SESSION

EXAMINATION FOR THE DEGREE OF MASTER OF EDUCATION

ECC 800: GENERAL EDUCATIONAL RESEARCH METHODS

DATE: Friday, 25th August 2017

TIME: 2.00 p.m. - 5.00 p.m.

INSTRUCTIONS:

Answer Question One and Any Other Two...

Do Not Write Anything on the Question Paper...

Choices Have Consequences... Involvement in Examination Malpractice Will Lead to Self Disqualification...

Question 1 (30 marks)

Study the scenario in Ukame High School and answer questions (i) (a) – (i)

Ukame High School is a co-education school. The school has posted poor KCSE results in two consecutive years. The school has enough teachers and support staff. Poor results have made many students to transfer to the neighbouring schools every year which has reduced the school enrolment substantially. The classes that have been affected are form one and two where the population of students has gone down by almost half of the students. The school administration and teachers and parents have held several meetings to discuss the situation.

- (i) Use the following headings to write an educational research proposal that Teachers and Parents in Ukame High School can use to improve academic performance in the school.
 - (a) Identify the title of the study showing at least 2 variables. (2 marks)
 - (b) Purpose of the study (1 mark)
 - (c) Any 2 objectives (2 marks)
 - (d) Any 2 null hypothesis (2 marks)
 - (e) One key significance of the study (1 mark)
 - (f) One gap of the study (1 mark)

- (g) Research design with a justification (2 marks)
- (h) 2 sampling techniques with a justification of each. (4 marks)
- (i) 2 ways of analyzing data with a justification of each. (2 marks)
- (ii) Describe 3 key qualities of effective background to the study. (3 marks)
- (iii) Discuss 5 key types of gaps of study in educational research. (5 marks)
- (iv) Give 5 key arguments to support research in education. (5 marks)

Question 2 (20 marks)

- (i) Describe 3 key components of schematic diagram of a conceptual framework in research. (3 marks)
- (ii) Explain 5 qualities of an effective abstract in scholarly work. (4 marks)
- (iii) Discuss 5 key challenges one may face in coming up with a researchable statement of a problem. (5 marks)
- (iv) Critically evaluate the importance of conducting related literature review. (8 marks)

Question 3 (20 marks)

- (i) Explain 5 ways that a conceptual framework can be useful in a research report. (5 marks)
- (ii) Discuss 5 key strategies of ensuring validity in qualitative research. (5 marks)
- (iii) Discuss 5 types of ethical issues showing why each is important in educational research. (5 marks)
- (v) Compare and contrast probability and non-probability sampling methods. (5 marks)

Question 4 (20 marks)

- (i) Compare and contrast methods of analyzing qualitative and quantitative data in educational research. (5 marks)
- (ii) Explain 5 issues that one should have in mind when designing effective data collection tools. (5 marks)
- (iii) Identify 5 different types of appendices and explain why they are included in a research report. (5 marks)
- (iv) Give 5 reasons why it is important to do a pilot study. (5 marks)

Question 5 (20 marks)

Explain the various components of a research proposal.