

KISII UNIVERSITY
UNIVERSITY EXAMINATIONS
FEBRUARY -MAY EXAMINATIONS
2022

FIRST SEMESTER, 2022

JANUARY-APRIL, 2022

FIRST YEAR EXAMINATION FOR THE DEGREE OF MASTER OF ARTS

FCCU 800: RESEARCH METHODS

STREAM: Y1 S1

TIME: 3 HOURS

DAY: _____

DATE: _____

INSTRUCTIONS

Answer question ONE and any other THREE questions. (60 Marks)

1. An educational researcher is interested in the relationship between students' participation in two after school programs and academic achievement. She states the following hypothesis in the description of her study:

H.1. Children who participate in an after-school program that emphasizes critical thinking skills will score higher on measures of academic achievement and self-esteem than students who participate in a program that emphasizes rote memorization.

- (a) What are the variables in this study? 2 (marks)
- (b) What would be good names for the variables? (2 marks)
- (c) Identify the independent variable(s) and dependent variable(s). (2 marks)
- (d) Describe how each variable varies (i.e., whether the variable is categorical or continuous). Provide justification for why each variable varies the way you describe? (4 marks)
- (e) Which research design would you use to carry out the study? Explain your answer. (3 marks)
- (f) How would you analyse the data collected for the study? Explain your answer. (2 marks)

2. Discuss how triangulation is used to increase the validity of research. (15 marks)

3. Discuss any two types of research listed below. For each research type, outline its basic design, its strengths and weaknesses, and briefly discuss two areas appropriate for each method.

- (a) Experimentation
- (b) Content analysis
- (c) Case study
- (d) Historical research

(15 marks)

4. Discuss any four elicitation techniques used in social science research. For each technique, outline its advantages and disadvantages. (15 marks)

5. (a) what does sampling in research entail? (3 marks)

(b) Identify and explain two sampling procedures

(12 marks)

6. Distinguish between qualitative and quantitative data analysis procedures, explaining how each method can be used in counselling psychology. (15 marks)

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