



MAASAI MARA UNIVERSITY

**UNIVERSITY REGULAR EXAMINATIONS 2021/222 ACADEMIC YEAR  
THIRD YEAR FIRST SEMESTER**

**SCHOOL OF EDUCATION**

**B. Ed (Science, Arts, G&C, ECDE, SNE)**

**COURSE CODE: EDA 3103: INTRODUCTION TO RESEARCH METHODS**

**INSTRUCTIONS TO CANDIDATES**

Question ONE is compulsory

Answer any other TWO questions

## QUESTION ONE (Compulsory)

a) Explain any five (5) points on how objectives can drive/guide a research study.

**(10 Marks)**

b) Identify two type of research in each case under the following classification criteria:

- i. Type of data collected **(2 Marks)**
- ii. Method of data analysis **(2 Marks)**
- iii. Type of inquiry **(2 Marks)**
- iv. Type of information **(2 Marks)**
- v. Purpose of research **(2 Marks)**

c) A third year student gave the title of her research proposal as: Influence of Extra-curricular activities on School Indiscipline in Public Secondary Schools in Vihiga County. Identify the two study variable and in the research topic **(2 Marks)**.

d) Differentiate the following terms as used in research:

- i. Independent and dependent variable **(2 Marks)**
- ii. Qualitative and Quantitative Research **(2 Marks)**
- iii. Basic and Applied Research **(2 Marks)**
- iv. Sample size and Sampling frame **(2 Marks)**

## QUESTION TWO

a) A third year education students is planning to undertake research on effects of online learning on student participation in learning. Direct the students to five possible sources of information that he could review to get ideas on his research study **(10 Marks)**

b) Giving five reasons justify the need for literature review in research.

**(10 Marks)**

### **QUESTION THREE**

a) With relevant examples, identify 5 guidelines on In Text Citation using APA citation style.

**(10 Marks)**

b) Explain any 5 distinct features of survey research design.

**(10 Marks)**

### **QUESTION FOUR**

a) Explain 5 reasons why a researcher may decide to use interviews instead of a questionnaire in a research study.

**(10 Marks)**

b) Briefly describe the following terms as used in research:

- i. Simple random Sampling **(2 Marks)**
- ii. Probability random sampling **(2 Marks)**
- iii. Systematic random sampling **(2 Marks)**
- iv. Purposive sampling **(2 Marks)**
- v. Stratified random sampling **(2 Marks)**

### **QUESTION FIVE**

a) A research supervisor rejected a research problem statement presented by a student for not meeting the qualities for a good research problem statement. Briefly explain 5 key features of a good problem statement.

**(10 Marks)**

b) Identify five major sections in Chapter One (Introduction) of a research proposal.

**(10 Marks)**