



BOTSWANA OPEN UNIVERSITY
DIPLOMA IN INTEGRATED EARLY CHILDHOOD DEVELOPMENT
PAPER NAME: RESEARCH METHODOLOGY IN EDUCATION
COURSE CODE RME 122
SESSIONAL EXAMINATION
100 MARKS.

Instructions

This examination consists of **three (3)** sections: **A, B, and C.**

Answer questions according to instructions given in each section.

Write in good grammatical English

Section	Possible Marks	Learner Marks
A - Structured Questions	20	
B- Case Study	20	
C- Essays	60	
Total	100	

This paper consists of **4** printed pages including the cover page



SECTION A: STRUCTURED QUESTIONS (20 MARKS)

Instructions: Answer all the questions in this section

1. Describe the following types of sampling: (4 marks)
 - a) Simple random sampling:
 - b) Stratified sampling
2. State any **three (3)** specific objectives of a research project (6 marks)
3. Give any **two (2)** reasons why researchers must always carry out their research work sincerely. (4 marks)
4. State the main difference between probability and non-probability sampling (4 marks)
5. Outline any **(1) one** reason why researchers like to use well-developed forced-choice questions (2 marks)

SECTION B: CASE STUDY (20 MARKS)

Instructions: Read the case study below and answer the questions

Biggy, BOU DIECD student was supposed to do a research project. He met other two fellow students and started discussing research projects. Biggy told others that they can start writing their research projects without any topics. Others tried to convince him but they failed because he convinced that he has seen research projects without topics and students still passed.

1. Outline any **two (2)** things to take into consideration when choosing a research topic (4 marks)
2. Give any **three (3)** important points to consider when deciding about the idea to research on. (6 marks)



3. Describe any **two (2)** problems that a researcher can encounter when carrying out a research project. (4 marks)

4. State any **three (3)** types of topics that a student should avoid when writing their research paper (6 marks)

SECTION C: ESSAY QUESTIONS (60 Marks)

Instruction: Answer **two (2)** questions from this section.

Question 1

Use relevant examples to explain probability sampling. Use the headings below (30marks)

(a) Simple Random Sampling

(b) Systematic sampling

© Cluster sampling

**Question 2**

With relevant examples, discuss the following types of data

(30marks)

(a) Nominal or Categorical data:

(b) Ordinal data

(c) Interval data

(d) Ratio data

Mark Allocation

Introduction 3marks

Content 24marks

Conclusion 3marks