

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

SECOND YEAR EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR
OF LIBRARY AND INFORMATION SCIENCE

EPSC 224: INTRODUCTION TO STATISTICS AND RESEARCH METHODS I

STREAMS: B.Sc (EPSC) Y3S1

TIME: 2 HOURS

DAY/DATE: THURSDAY 7/12/2017

2.30 P.M - 4.30 P.M.

INSTRUCTIONS:

- Answer Question ONE and any other TWO Questions.
- Do not write anything on the question paper

SECTION A [30 MARKS]

QUESTION ONE

Despite the availability of library and information services in University Libraries, persons with disabilities are unable to access them.

- Develop a research title for the above problem. [3 Marks]
- Identify four objectives and research questions for the above problem. [8 Marks]
- Explain the expected significance of the identified study. [4 Marks]
- Briefly explain the type of research design applicable [4 Marks]
- Outline the data collection technique/s applicable. [6 Marks]
- Explain how a researcher could avoid plagiarism [5 Marks]

SECTION B [40 MARKS]

QUESTION TWO

Describe the correct format of writing research report. [20 Marks]

QUESTION THREE

A good research is **Replicable and Verifiable**. Discuss. [10 Marks]

Explain five reasons why it is necessary to publish research findings. [10 Marks]

QUESTION FOUR

Discuss five main techniques that could be used to select a **probability** sample in research. [20 Marks]

QUESTION FIVE

- (a) Briefly explain the purpose of evaluating research reports. [10 Marks]
(b) Briefly discuss how you would use experimental design in research. [10 Marks]

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