



"Investing in Africa's Future"

**COLLEGE OF SOCIAL SCIENCES, THEOLOGY,
HUMANITIES AND EDUCATION**

DEPARTMENT OF SOCIAL WORK

NHSW 214: RESEARCH METHODS AND STATISTICS

END OF FIRST SEMESTER EXAMINATIONS

NOV/DEC 2023

MAIN PAPER

LECTURER: DR. L. ZINYEMBA

DURATION: 3 HOURS

INSTRUCTIONS

1. Do **NOT** write your name on the answer sheet.
 2. All students **MUST** answer the **Compulsory** question in **Section A**.
It carries 40%
 3. Students can pick **TWO** questions from **Section B**. Each question in
Section B carries **30%**.
 4. Answer each question on a new page.
 5. All students to bring a calculator.
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SECTION A

1. The following are numbers of students at Africa University who participated in the students' union elections.

5; 52; 5;4; 3; 3; 5;1; 0;2; 4;5; 1; 2; 0; 5;1; 3; 5; 2; 1; 0; 5;2; 3; 2;4;
5; 3; 2;3; 5; 2;5; 1; 1; 2; 3; 2; 5; 4; 5; 5; 3; 0; 1 and 2.

- 1a. Calculate the mean (20).
- 1b. Calculate the median (20).
- 1c. Calculate the mode (20).
- 1d. Calculate the range (20).
- 1e. Present the data in a frequency table (20).

SECTION B

2. Using the above data set, analyse and present the findings.
3. You are required to write a proposal for a drug and Substance Abuse project which is to be funded by World Health Organization (WHO). Illustrate the problem statement.
4. With the aid of examples, examine the weaknesses and strengths of secondary data.
5. Illustrate the differences between the qualitative and quantitative research design.