



SCHOOL OF LAW

NREM500: RESEARCH METHODS END OF SEMESTER EXAMINATIONS

NOVEMBER 2023

LECTURER: Dr. Chingozho

DURATION: 3HRS

GENERAL INSTRUCTIONS TO CANDIDATES

- 1. Do NOT** write your name on the answer sheet
- 2. Section A is compulsory**
- 3. Answer any two(2) Questions from Section B.**
- 4. The exam is worth 60 marks**

SECTION A

Question 1

Three secretaries typed five documents as part of their entrance test. The number of typing errors on each document was recorded in the table below:

		Number	Of errors	Per document	
Secretary	Letter	Memo	Poster	Minutes	Report
A	10	12	9	16	13
B	9	7	12	11	11
C	14	11	15	14	16

- Construct an ANOVA table [8 Marks]
- Test at 5% level of significance whether there is a significance in the mean typing errors made by secretaries. [5 Marks]. Please note that $f_{crit}=3.89$
- Demonstrate the difference between qualitative research and quantitative research through design, data collection methods and analysis. [7 Marks]

SECTION B

Question 2

- Provide definition of research with aid of examples. [5 Marks]
- Describe the objectives of undertaking research. [5 Marks]
- Explain the significance of research. [5 Marks]
- Describe the different types of research designs in research. [5 Marks]

Question 3

Sampling is either probability and non-probability. Clearly Discuss the four probability sampling techniques clearly giving examples. [20 Marks]

Question 4

Discuss hypothesis, its characteristics and the hypothesis testing process in research. [20 Marks]

Question 5

Demonstrate your understanding of the terms validity and reliability including a discussion on threats to validity and threats to construct validity. [20 Marks]

THE END