



**AFRICA  
UNIVERSITY**  
*A United Methodist-Related Institution*  
**"Investing in Africa's Future"**

## **SCHOOL OF LAW**

**NHCR514: RESEARCH METHODS**

**END OF SEMESTER EXAMINATIONS**

**NOVEMBER 2023**

**LECTURER: Dr. Chingozho**

**DURATION: 3HRS**

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### **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