



## **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**