



NATIONAL OPEN UNIVERSITY OF NIGERIA
FACULTY OF SOCIAL SCIENCES
DEPARTMENT OF CRIMINOLOGY AND SECURITY STUDIES (CSS)
2023 2 EXAMINATIONS_

COURSE CODE: CSS 831

COURSE TITLE: Research Methods in Criminology

CREDIT UNIT: 3

TIME ALLOWED: 3 HOURS

INSTRUCTION: Answer any **four out of five** of the questions in this section.

- 1a. What are the sources of knowledge (12 marks).
- b. Discuss any three (3) forms of explanations adopted in Criminology (5.5 marks).

- 2a. What is a variable? (7.5 marks).
- b. What are the five (5) types of variables? (10 marks).

- 3a. What is contribution to knowledge? (7.5 marks).
- b. How do people adopt to social reality (10 marks).

4. Explain Sigmund Freud's Psychoanalytic theory (17.5 marks).

5. State the five stages that follow after labeling according to Becker (17.5 marks).

Construct a simple bar chart 12marks

2a. Outline the steps involves in research process 8marks

2b. Write notes on the following types of research

- i. Pure research
 - ii. Specific research
 - iii. General applied research
- 6marks

c. What are the importance of research to an organizational concern? 6marks

3a. What is the geometric mean of 3, 4, 7 and 8. 6 marks

3b. Suppose the rate of growth in the sale of a product over a period of 5years are 5%, 4%, 8%, 15% and 22%. If the sales in year 0 is #50000,

i. what is the sales at the end of the fifth year? 4marks

ii calculate the mean rate of growth and true growth rate. 4marks

3c. A motorist moves from Y to Z, a distance of X kilometers with a speed of 120Km/hour and returns to point Y with a speed of 90Km/hour. What is the average speed. 6marks

4a. Given the following set of class intervals

Class intervals	F
5-9	3
10-14	4
15-19	7
20-24	5
25-29	4
30-34	6
35-39	3
40-44	3

Calculate the mean deviation, variance and standard deviation. 10maks

4b. The annual sales recorded by a firm in a year are recorded below and analysed in descending order. The unit is in naira. 800, 675, 620, 585, 540, 520, 420, 400, 350, 340, 290 and 250.

Calculate the interquartile range and quartile deviation of the distribution of the distribution.

10 marks