



**NATIONAL OPEN UNIVERSITY OF NIGERIA
FACULTY OF SOCIAL SCIENCES
DEPARTMENT OF ECONOMICS
2025_2 EXAMINATIONS.**

COURSE TITLE: RESEARCH METHODOLOGY

COURSE CODE: ECO715

UNITS: 3

TIME ALLOWED: 3 HOURS

INSTRUCTION: ANSWER QUESTION ONE (1) AND ANY OTHER THREE (3) QUESTION

- 1a. List and explain five main characteristics of scientific research (15 Marks).
- b. Explain the two broad types of research (10 Marks)

- 2a. Differentiate between Hypothesis and Theory (2 Marks)
- b. Identify and discuss steps in formulating a research problem (13 Marks).

- 3a Explain Hypothesis and state how it is developed (8 Marks)
- b. Explain Data manipulation (7 Marks).

4. Explain Secondary data and discuss four sources (15 Marks)

- 5a. Explain Regression coefficient or coefficient of determination (5 Marks).
- b. State and explain the three conditions upon which Statistical power depends on (10 Marks)