



**NATIONAL OPEN UNIVERSITY OF NIGERIA
DEPARTMENT OF ECONOMICS
FACULTY OF SOCIAL SCIENCES
2020_2 EXAMINATION ...**

COURSE TITLE: RESEARCH METHODOLOGY

COURSE CODE: ECO 715

UNITS: 3

TIME ALLOWED: 3 HOURS

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

- 1a). Discuss the concept of scientific research bringing out its major characteristics **(20 marks)**
- b). Research methodology as a broader term consists of some important elements. List any five **(5 marks)**

- 2a). Discuss the contents of a research problem **(5 marks)**
- b). Explain briefly the steps to identifying a research problem **(10 marks)**

- 3). Identify and discuss the three common basic elements necessary for building economic models. **(15marks)**

- 4a). Describe the essence of literature review **(6 marks).**
- b). Explain the fundamental structures of literature review **(9 marks).**

- 5). Highlight the likely sources of error in the measurement of economic variables **(15marks)**

- 6). Write short note on the following:
 - (i). Regression Analysis **(5 marks)**
 - (ii). Correlation coefficient **(5 marks)**
 - (iii). Coefficient of determination **(5 marks)**