



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
Plot 91, Cadastral Zone, Nnamdi Azikiwe Express Way, Jabi - Abuja  
**FACULTY OF MANAGEMENT SCIENCES**  
**2023\_1 POP EXAMINATION**

**COURSE CODE: FMS 304**

**COURSE UNIT: 3**

**COURSE TITLE: RESEARCH METHODS FOR BUSINESS DECISIONS**

**TIME ALLOWED: 2½ HOURS**

**INSTRUCTION(S):** (i) Attempt question ONE 25marks and any other three questions 15mark  
your choice.  
(ii) Present your answer legibly and logically using relevant examples

- ✓ Q1a. How do you understand the term 'operational definitions' in research?
- State the characteristic of a Researchable Hypothesis.
  - Discuss fully the activities involved in the research process.
- Q2. Enumerate and comment on the guides in the choice of a research topic.
- ✓ Q3a. How do you understand the term data analysis?
- There are basically two categories data collected and used in research. Illuminate this statement.
- Q4. Most researchers, who conduct survey researches, make use of the questionnaire as the instrument for data collection. Substantiate this statement
- Q5. A group of 9 students had a test in Mathematics. They have the following scores: Ade = 70, Femi = 65, Hassan = 60, Musa = 55, Effiong = 75, Obi = 80, Uche = 85, Wale = 90, Emeka = 95. Find the mean and median.
- ✓ Q6 The literature review in scientific research examines the recent research studies. Comment on this statement.