



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**91, CADASTRAL ZONE, UNIVERSITY VILLAGE, JABI, ABUJA**  
**FACULTY OF MANAGEMENT SCIENCES**  
**2025\_1 EXAMINATION**

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**COURSE CODE: FMS 304**

**CREDIT UNIT: 3**

**COURSE TITTLE: RESEARCH METHODOLOGY**

**TIME ALLOWED: 3 HOURS**

Instruction: 1. Attempt question number one (1) and any other three (3)

2. Question number one (1) is compulsory and attracts 25 marks, while any other three questions attract 15 marks each
3. Present your answers any points in a clearly and orderly manner

**Question One**

- 1.a. Identify and discuss the two main types of data used in research. **[12.5 marks]**
- 1.b. Describe the steps involved in the construction of a questionnaire. **[12.5 marks]**

**Question Two**

- 2.a. Explain the significance of operational definition of terms in research. **[7.5 Marks]**
2. b. Discuss the role of hypotheses in the research process. **[7.5 Marks]**

**Question Three**

Explain the main steps involved in conducting a survey research. **[15 Marks]**

**Question Four**

Define Experimental Research and discuss its main characteristics. **[15 marks]**

**Question Five**

Differentiate between Probability and Non-Probability Sampling techniques. **[15 marks]**