



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**Plot 91, Cadastral Zone, Nnamdi Azikiwe Express Way, Jabi-Abuja.**  
**Faculty of Education**  
**2024\_2 EXAMINATION**

**COURSE CODE: EDU 323**

**COURSE TITLE: BASIC RESEARCH METHODS IN EDUCATION**

**CREDIT UNITS: 2**

**TIME ALLOWED: 2 HOURS**

**INSTRUCTION: ANSWER QUESTION 1 AND ANY OTHER 2**

**NOTE: QUESTION 1 CARRIES 30 MARKS, WHILE THE OTHERS CARRY 20 MARKS EACH.**

- 1a.** Explain Experimental Design. (5 marks)
- 1b.** Discuss the types of variables in experimental research (15 marks)
- 1c.** Explain what internal and External Validity means before stating results in a study. (10 marks)
- 2a.** Explain the concept of the Questionnaire.  
(Ability to explain each of the components attracts 2 marks each)  
14 marks.
- 2b.** Mention the two types of questionnaires.  
(2 marks each for the 2 types) 4 marks
- c.** Write on the Questions/Statements. (2 marks)
- 3a.** What is Validity? 5 marks.
- b.** Validity of Instruments can be classified into three types. Explain.  
(Each well-explained attracts 5 marks) 15 marks.  
5 + 15 = 20 marks.
- 4.** Write short notes on the following?
- i. Face-to-face Validity
  - ii. Concurrent Validity
  - iii. Predictive Validity
  - iv. Test-Retest method
- (Each attracts 5 marks) **20 marks.**