



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**UNIVERSITY VILLAGE, NNAMDI AZIKIWE EXPRESS WAY, JABI, ABUJA**  
**FACULTY OF HEALTH SCIENCES**  
**DEPARTMENT OF NURSING SCIENCES**  
**2023\_1 POP EXAMINATION**

**PROGRAMME: BACHELOR OF NURSING SCIENCE (BNSc.)**

**COURSE CODE: NSC 411**

**COURSE TITLE: RESEARCH METHODS IN NURSING**

**CREDIT UNITS: 3**

**TIME ALLOWED: 2 HOURS**

**TOTAL MARKS: 70%**

**INSTRUCTION: ANSWER ALL THE QUESTIONS**

**Question 1**

The use of validity and reliability is very common in quantitative research and are crucial to generating credible data.

- (a) What is reliability? (2mks)
- (b) What is the relationship between validity and reliability? (2mks)
- (c) Describe four (4) types of reliability. (16mks)

**Question 2**

Why are samples taken? Describe the two broad groups/types of sampling that exist in both pure and applied research. Discuss in detail two sampling techniques under each group indicating their flaws. (20mks)

**Question 3**

Write short notes on the following methods of data collection, stating what they are, their strengths/advantages/merits

and flaws/demerits/disadvantages.

- (a) Interview (10mks)
- (b) Observation (10mks)
- (c) Questionnaire (10mks)