



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**UNIVERSITY VILLAGE, NNAMDI AZIKIWE EXPRESS WAY, JABI, ABUJA**  
**FACULTY OF HEALTH SCIENCES**  
**DEPARTMENT OF NURSING SCIENCES**  
**2023\_2 EXAMINATIONS**

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

**COURSE CODE: NSC411**

**COURSE TITLE – RESEARCH METHODS IN NURSING**

**CREDIT UNITS: 3**

**TIME ALLOWED: 2 HOURS**

**TOTAL MARKS: 70%**

**INSTRUCTION: ANSWER ALL THE QUESTIONS**

**Question 1**

- a. What is research hypothesis? **(2 marks)**
- b. Enumerate five importance of hypothesis **(5 marks)**
- c. Outline characteristics of hypothesis **(4 marks)**
- d. List and explain three types of hypothesis **(9 marks)**

**Question 2**

- a. Describe the four levels of measurement with relevant example **(8 marks)**
- b. Explain the relationship between validity and reliability **(3 marks)**
- c. Enumerate steps of data organization **(3 marks)**
- d. State six important of research in nursing **(6 marks)**

**Question 3**

- a. Explain dependent and independent variables **(2 marks)**
- b. Describe non-experimental research design **(10 marks)**
- c. Discuss four Sources of research Problems in nursing **(8 marks)**
- d. Enumerate five Differences between experimental and non-experimental research designs **(5 marks)**
- e. Briefly describe validity of research instrument **(5 marks)**