



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**14/16 AHMADU BELLO WAY, VICTORIA ISLAND, LAGOS**  
**SCHOOL OF SCIENCE AND TECHNOLOGY**  
**JUNE/JULY EXAMINATION**

**COURSE CODE: NSS407**

**COURSE TITLE: Research Methods**

**TIME ALLOWED: 3 hours**

**INSTRUCTION: Read the stem of the questions carefully and answer any 5 of the questions.**

1. Nursing research is a process of finding out the solution to a problem
  - a. What is research?  
**(5 marks)**
  - b. List the 4 types of research  
**(2 marks)**
  - c. Describe the the characteristics of the scientific methods **(8 marks)**
  - d. Differentiate between experimental and non-experimental research.  
**(5 marks)**
2.
  - a. Define the term “scientific method”?  
**(4 marks)**
  - b. Differentiate between problem solving and research  
**(15 marks)**
  - c. List 6 sources of research problems.  
**(6 marks)**
- 3a. Define population and sample.  
**(4 marks)**
  - b. Enumerate the major types of sampling.  
**(4 marks)**
  - c. Describe the three scientific and three non scientific  
sampling  
methods

**(12  
marks)**

4. a. What is a research report?  
**(2 marks)**
- b. Highlight the parts of a research report  
**(4 marks)**
- c. List the guidelines for critiquing research reports  
**(10 marks)**
- d. State two main differences between limitation and delimitation of study  
**(4 marks)**
5. a. Describe the concept of ethics in nursing research.  
**(5 marks)**
- b. List the 3 ethical principles in research with human subjects. **(3 marks)**
- c. Explain how the rights of subjects could be protected in research.  
**(12 marks)**