



**DEPARTMENT OF NURSING SCIENCE,  
FACULTY OF HEALTH SCIENCES,  
NATIONAL OPEN UNIVERSITY OF NIGERIA**

**COURSE TITLE: RESEARCH METHODS IN NURSING I  
COURSE CODE: NSC 411**

**Instruction: Answer all questions      TIME: 2 HOURS.**

1. (a) Define research (2mks)  
(b) Describe characteristics of Scientific Methods (10mks)  
(c) Differentiate between:  
(i) Pure and Applied Research  
(ii) Experimental and Non-Experimental Research (8mks)
2. (a) What are the sources of research problems in nursing? (5mks)  
(b) State the criteria for researchable topic in nursing. (5mks)  
(c) Discuss the importance of research to nursing and health care in general. (10mks)
3. (a) Outline the differences between research and problem solving (10mks)  
(b) A number of concepts are basic to an understanding of the research process. Such terms include: 'Statement of the Problem' and 'Purpose and Specific Objectives'. Explain these terms and their relevance in research (10mks)
4. A researcher sets out to investigate factors influencing compliance with medical regimen among patients with chronic renal failure in a Teaching Hospital.  
(a) Identify the population of study. (1mk)  
(b) Identify the independent and dependent variables. (4mks)  
(c) Describe the sampling technique that is appropriate for this study. (5mks)