



NATIONAL OPEN UNIVERSITY OF NIGERIA
Plot 91, Cadastral Zone, Nnamdi Azikwe Express Way, Jabi, Abuja, FCT
Faculty of Health Sciences
Department of Nursing Sciences
2024_2 EXAMINATION

Programme: Bachelor of Nursing Science
Course Code: NSC411
Course Title: Research Methods in Nursing
Course Credit Units: 3 Units
Time Allowed: 2 Hours
Total Score: 70 Marks
Instruction: Answer All the Questions

Question 1

1. Research in nursing dates back to Florence Nightingale who through her own enquiries and findings at the Crimea war was able to establish a significant change in the death rate of wounded soldiers.
 - a. Define research (2 marks)
 - b. Outline any seven (7) importance of research in Nursing (3.5 marks)
 - c. Highlight any six (6) differences between research and problem solving (12 marks)

Question 2

2. Research design is the blueprint of research which helps the researcher to collect the best evidence to support the study being conducted.
 - a. Enumerate any five (5) factors that determines the choice of research design (5 marks)
 - b. List and explain the three (3) characteristics of experimental design (7.5 marks)
 - c. Outline any five (5) differences between experimental and non-experimental research design (5 marks)

Question 3

3. The challenge in measurement is to collect the correct data or evidence that is credible and can be replicated.
 - a. Define Validity (2 marks)
 - b. List and explain three (3) types of validity (6 marks)
 - c. Discuss any three (3) types of reliability (7.5 marks)
 - d. What is the relationship validity and reliability (2 marks)

Question 4

4. Research process comprises of steps that should be followed by researchers while conducting research.
 - a. Write short notes on the following steps of research process (2.5 marks each)
 - i. Statement of problem
 - ii. Literature review
 - iii. Data collection

- a. Briefly discuss the following research terms (2 marks each);
- i. Aim/purpose of study
 - ii. Research objectives
 - iii. Significance of study
 - iv. Operational definition of terms
 - v. Limitation of research