



NATIONAL OPEN UNIVERSITY OF NIGERIA
UNIVERSITY VILLAGE, PLOT 91, CADASTRAL ZONE
NNAMDI AZIKIWE EXPRESS WAY, JABI, ABUJA
FACULTY OF HEALTH SCIENCES
2025_2 EXAMINATIONS.

COURSE TITLE: RESEARCH METHODS IN PUBLIC HEALTH (PHS421)
COURSE UNITS: 3 UNITS

TIME ALLOWED: 2 HOURS

TOTAL MARKS: 70 %

INSTRUCTION: ANSWER ALL QUESTIONS

1a. What are the 5 key components that must be considered to ensure that a research problem is feasible, relevant, and researchable? (10 Marks)

1b What are the 5 key objectives of conducting research in healthcare (10 Marks)

2a. Define precision in the context of scientific research. How does it impact the reliability of a study's results?
(10 Marks)

2b. Discuss the impact of selection bias on research findings (10 Marks)

3a. Explain the 5 key differences between surveys and experiments in research (10 Marks)

3b. Discuss the five primary sources of demographic data collection (10 Marks)

Choose any research topic of your choice and write the following

4a. Aim 2 Marks

4b. 4 specific objectives 4 marks

4c. 4 Research questions 4 marks