



NATIONAL OPEN UNIVERSITY OF NIGERIA  
University Village, Plot 91, Cadastral Zone,  
Nnamdi Azikiwe Express Way, Jabi, Abuja  
JANUARY-MARCH 2018 EXAMINATION

**PHS 421: RESEARCH IN PUBLIC HEALTH**

**DURATION: 2 Hours**

**ANSWER ALL QUESTIONS**

Q1. (a) What do you understand by Community Health Research? (1 mark)

(b) Explain the four characteristics of the scientific methods (12 marks)

(c) Define any four of the following terminologies (8 marks)

- i. Research
- ii. Research design
- iii. Variable
- iv. Hypothesis
- v. Population

Q2. (a) Describe four methods of data collection (12 marks)

(b) Explain the steps in organization of data for analysis (4 marks)

Q3. (a) Explain three scientific sampling methods (9 marks)

(b) Explain three non-scientific sampling methods (6 marks)

(c) List the three ethical principles in research with human subjects. (3 marks)

Q4. (a) List six (6) guidelines used to critique a research report (3 marks)

(b) Explain the listed guidelines in 4(a) above (12 marks)