



**NATIONAL OPEN UNIVERSITY OF NIGERIA
UNIVERSITY VILLAGE, PLOT 91, CADASTRAL ZONE
NNAMDI AZIKIWE EXPRESS WAY, JABI, ABUJA
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF PUBLIC HEALTH SCIENCE
EXAMINATION QUESTIONS 2022_2**

COURSE TITLE: Public Health (PHS 421)

COURSE UNITS: 3 Units

TIME ALLOWED: 2 Hours

TOTAL MARKS: 70%

INSTRUCTION: Answer all the Questions

QUESTION 1 20 marks

- 1a. What one human Characteristic leads us down the RESEARCH pathway? **(5 Marks)**
1b. What is Research in Methodology? **(5 Marks)**
1c. List all steps involving in the research process; List them or use a diagram **(10 Marks)**

QUESTION 2 20 marks

- 2a. Differentiate between the following concepts
(i) Descriptive and Analytical Research
(ii) Qualitative and Quantitative Research **(10 Marks)**
2b. What purposes does Research serve? **(6 Marks)**
2c. Explain the Scientific Method **(4 Marks)**

QUESTION 3 15 marks

- 3a. A Research Design has 4 main components; List two ONLY **(2 Marks)**
3b. Differentiate between
(i) Continuous and Non-continuous variables
(ii) Dependent and Independent variables **(10 Marks)**
3c. Define the following concepts
(i) Sampling Frame
(ii) Convenience Sampling
(iii) Simple Random Sampling **(3 marks)**

QUESTION 4 15 marks

- 4a. What makes Primary data different from Secondary data? **(4 Marks)**
4b. State the uses of Population Census in Health Planning **(4 Marks)**
4c. Why choose Simple Random Sampling over all other Sampling Methods? **(4 Marks)**
4d. What is a Sampling Unit? **(3 Marks)**