NATIONAL OPEN UNIVERSITY OF NIGERIA
91 CADASTRAL AVENUE, NNAMDI AZIKIWE EXPRESS WAY, JABI, ABUJA
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF PUBLIC HEALTH SCIENCE
2025_2 EXAMINATIONS

COURSE CODE: PHS805
COURSE TITLE: RESEARCH METHODS IN PUBLIC HEALTH
CREDIT UNITS: 3
TIME: 2 HOURS
TOTAL SCORE: 70 MARKS
INSTRUCTION: ANSWER ALL QUESTIONS

QUESTION 1   20 marks
1a).   Describe the two (2) major Classes of variables in research with clear examples. **(5 marks)**

1b). A student has a project title as: 'Assessment of Obesity Knowledge and its Risk factors among Students. Identify the two (2) key variables in this project title**.   (5 marks)**

1c). Define sampling and give its advantages. **(10 marks)**

QUESTION 2   20 marks
2a). Discuss the five (5) different types of Probability Sampling with clear examples**. (10 marks)**
2b). You are about to submit the Chapter 3 (Methodology) of your project to your Supervisor. Briefly discuss any five (5) sub-headings of your Chapter 3. **(10 marks)**

QUESTION 3   15 marks
3a). What is bias?   **(3 Marks)**
3b). Discuss the four (4) types of bias with clear examples.   **(12 marks**

QUESTION 4   15 marks
4a). What is validity test? **(2½ marks)**
4b). Discuss the different types of validity test with clear examples. **(12½ marks**)