



**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
2025_1 EXAMINATION**

**COURSE CODE PHS803
COURSE TITLE: PRINCIPLES OF EPIDEMIOLOGY
CREDIT UNIT 2
TIME: 2HRS
ANSWER ALL QUESTIONS.**

Q1A. Highlight the Fundamental assumptions in which epidemiology is based **(7Marks)**

Q1B. Why is Epidemiology important in Public Health? **(8Marks)**

Q1C. Survey is one of the ways in which epidemiological data is collected, explain in detail what you understand by Demographic Sample Survey highlighting its advantages and disadvantages **(10 Marks)**.

Q. 2A. Explain the following in details Case Control Studies. **(8 Marks)**

Q2b. List the steps that must be taken in Selection of cases and control **(4Marks)**

Q2c. Explain the process of selection in detail **(8Marks)**

Q3. Surveillance is an important component of Epidemiology, Discuss this statement in relation to importance of Surveillance in Disease Control. **(6marks)**

Q3b. Screening is an important Process in Epidemiology, Define what Screening is and highlight its major uses. **(5 Marks)**

Q3c. Discuss using suitable examples how the Factors in a host that Plays role in disease transmission **(9Marks)**

Q3 D. Enumerate the advantages of sample Survey **(5 Marks)**