



**NATIONAL OPEN UNIVERSITY OF NIGERIA
UNIVERSITY VILLAGE, PLOT 91, CADASTRAL ZONE
NNAMDI AZIKIWE EXPRESS WAY, JABI, ABUJA
FACULTY OF HEALTH SCIENCES
2024_2 EXAMINATION**

COURSE TITLE: PRINCIPLES OF EPIDEMIOLOGY

COURSE CODE: PHS 318

COURSE UNITS: 3 Units

TIME ALLOWED: 2 Hours

TOTAL MARKS: 70 %

INSTRUCTION: Answer ALL Questions

QUESTION 1 (25 Marks)

(Q1a) Briefly describe the types of epidemiological studies and list the component parts (10 marks).

(Q1b) Describe in details analytical studies in epidemiology? (10 marks)

(Q1c) Descriptive epidemiology asks three broad questions necessary to describe the occurrence of a disease relating to person, place and time. What are the characteristics attached to each of these questions? (5 marks).

QUESTION 2 (15 Marks)

(Q2a) What is secondary prevention in epidemiological studies? (5 marks).

(Q2b) Explain the term Surveillance in tertiary prevention of epidemiological studies (10 marks).

QUESTION 3 (15 Marks)

(Q3a) List five (5) disease agents and the disease it causes. (5 marks)

(Q3b) Explain the term Carrier in Epidemiology. (10 marks)

QUESTION 4 (15 Marks)

(Q4a) What does a HIV negative result mean? (5 marks)

(Q4b) Explain in details, the term Window period (10 Marks)