



NATIONAL OPEN UNIVERSITY OF NIGERIA
UNIVERSITY VILLAGE, PLOT 91, CADASTRAL ZONE, NNAMDI AZIKWE
EXPRESS WAY, JABI – ABUJA
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF PUBLIC HEALTH
2023_1 POP EXAMINATION.

COURSE CODE: PHS318

COURSE TITLE : PRINCIPLES OF EPIDEMIOLOGY

COURSE UNITS: 3 CREDIT UNITS

TIME ALLOWED: 2 HOURS

TOTAL MARKS : 70%

INSTRUCTION: ANSWER ALL THE QUESTIONS

Q1. Define the term Epidemiology and explain its development. **9 marks**

- b. What are the three Ds in epidemiology **6 marks**
- c. why are they studied? **5 marks**

Q2. A, Highlight the different types of epidemiological studies **10 marks**

b. Explain in details Analytical Epidemiological Studies and its application. **10 marks**

Q3. Define Epidemics. **5 marks**

b. Explain the vehicle of epidemic. **10 marks**

Q4 A Define the Following:

- i. Rate
- ii. Incidence Rate **8 marks**
- iii. Prevalence rate
- iv. Crude rate

b. what are the uses of Statistics in Health care System. **7 marks**