



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 ⁶⁰⁷⁸ 2021_2

COURSE TITLE: Principles of Epidemiology

COURSE UNITS: 3 Units

TIME ALLOWED: 1¹/₂ Hours

TOTAL MARKS: 70%

INSTRUCTION: Answer all the Questions

Course Code: PHS 318

Q1a. Define the term Epidemiology and explain its development. **(9 marks)**

- b. What are the three Ds in epidemiology **(6 marks)**
- c. why are the 3Ds in epidemiology studied? **(5 marks)**
- d. b. what are the uses of Statistics in Health care System. **(7 marks)**

Q2a. Highlight the different types of epidemiological studies **(10 marks)**

- b. Explain in details Descriptive Epidemiological Studies and its application. **(10 marks)**

Q3a. Describe Epidemics. **(5 marks)**

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

c. Define the Following:

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