



**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\_2 EXAMINATIONS\_**

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**COURSE TITLE: PRINCIPLES OF EPIDEMIOLOGY (PHS318)**

**COURSE UNITS: 2 UNITS**

**TIME ALLOWED: 2 HOURS**

**TOTAL MARKS: 70%**

**INSTRUCTION: ANSWER ALL THE QUESTIONS**

**Question 1 (25 mks)**

- A) Define the term epidemiology according J.M last 1995 and highlight five outstanding key words or phrases in the definition? (6mks)
- B) Explain how John Snow demonstrated each of those key components highlighted above in his investigation? (19mks)

**Question 2(25mks)**

Supposing you were asked by your supervisor to develop a proposal aimed at studying the occurrence and number of people who had malaria in your community last year.

- (a) How will you describe this kind of study? (4mks)
- (b) With specific examples mention 3 types of data you would collect? (12mks)
- (c) State 2 advantages and disadvantages of this type of study(6mks)
- (d) What kind of data collection instrument will be suitable for this kind of study(3mks)

**Question 3(20mks)**

3. Mention and explain the two measures of disease frequency