



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS**  
**SCHOOL OF SCIENCES AND TECHNOLOGY**  
**MAY/JUNE 2012 EXAMINATION**

NSS 305 EPIDEMIOLOGY IN NURSING

TIME ALLOWED: 2 HOURS

INSTRUCTION: ANSWER ONLY 4 OUT OF 6 QUESTIONS

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|---|---------|
| 1a. Discuss the historical perspective of epidemiology                          | (5mks)  |
| b. Enumerate five (5) importance of epidemiology                                | (5mks)  |
| c. Describe the Uses of Epidemiology  | (10mks) |
| 2a. Define the term rate in epidemiology.                                       | (4mks)  |
| b. Discuss incidence and prevalence rate  | (16mks) |
| 3a. Describe observational studies and the procedures.                          | (10mks) |
| b. What are the advantages and disadvantages of Cohort studies?                 | (10mks) |
| 4a. Define the term statistics  | (5mks)  |
| b. Describe the types and uses of statistics                                    | (15mks) |
| 5a. Write briefly on crude death rate giving examples of each                   | (10mks) |
| b. Define ecology and discuss the factors that influence development of disease | (10mk)  |
| 6 . Briefly discuss the following   |         |
| a. Problems of investigating Non communicable disease                           |         |
| b. Genital herpes   |         |
| c. Surveillance   |         |
| d. Passive immunity   |         |
|   | ( 5mks  |
| each)   |         |