



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS**  
**SCHOOL OF HEALTH SCIENCES**  
**MARCH/APRIL 2015 EXAMINATION**

**Course code:** CHS511  
**Course title:** Epidemiology for Community Health **Credit units:**3  
**Instruction:** Answer QUESTION 1 and any other three questions.  
**Time allowed:** 2hrs

1. (a) Discuss the four levels of disease prevention?(25mks)
2. (a) Define the term epidemiology(1mk)  
(b) Use a sketch to classify to classify different types of epidemiological studies (a good sketch attracts 2mks) (14mks)
3. (a) Using some examples describe the term reservoir of infection?(6mks)  
(b) State six different types of disease carriers as applied to communicable disease epidemiology? (6mks)  
(c) List three common circumstances under which active immunity could be acquired? (3mks)
4. An epidemic of Ebola virus has been reported in Nigeria and several other West African Countries. Assuming you were invited to give a public enlightenment lecture on the type of epidemic Ebola can be classified as  
(a) Identify the type of epidemic Ebola is (1mk)  
(b) List three common characteristics of that type of epidemic? (6mks)  
(c) Give two common symptoms of Ebola infection? (2mks)  
(d)State six major steps needed to investigate this type of epidemic? (6mks)
5. (a) List five limitations encountered in the investigation of non communicable diseases (10mks)  
(b)List five risk factors associated with the development of non communicable diseases? (5mk)