



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**UNIVERSITY VILLAGE, PLOT 91 CADASTRAL ZONE, JABI-ABUJA**  
**FACULTY OF HEALTH SCIENCES**  
**DEPARTMENT OF PUBLIC HEALTH SCIENCE**  
**2022\_2 EXAMINATION**

**COURSE CODE: PHS511**

**COURSE TITLE: APPLIED EPIDEMIOLOGY**

**CREDIT UNITS: 3**

**TIME ALLOWED: 2 HOURS**

**INSTRUCTION: ANSWER ALL THE QUESTIONS.**

1a. Highlight the preventive measures for the following Non-communicable diseases:

- i. Heart disease
- ii. Cancer
- iii. Chronic Respiratory disease
- iv. Diabetes **(3 marks each)**

b. List three United Nations agencies involved in the control of Non-communicable diseases **(3marks)**

2. Describe the following terms

- a. Passive immunity
- b. Active immunity
- c. Epidemic
- d. Pandemic
- e. A case **(3 marks each)**

3a. Explain the term “Non-communicable diseases” **(4 marks)**

b. What are predisposing factors. Describe two major groups of predisposing factors to Non-communicable diseases **(15 marks)**

4a What is Epidemiologic triangle or triad upon which the control of communicable diseases is based **(9 marks)**

b. Explain the following terms:

- i. zoonosis
- ii. Eradication
- iii. Elimination
- iv. incidence
  
- v. Prevalence
- vi. Surveillance **(2 marks each)**