NATIONAL OPEN UNIVERSITY OF NIGERIA
UNIVERSITY VILLAGE, PLOT 91 CADASTRAL ZONE, JABI ABUJA
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF PUBLIC HEALTH SCIENCE
2023_1 POP EXAMINATION

COURSE CODE: PHS 511
COURSE TITLE: APPLIED EPIDEMIOLOGY
COURSE UNIT: 3 UNITS
TIME ALLOWED: 2 HOURS
INSTRUCTION: ANSWER ALL THE QUESTIONS.

1a. What do you understand by the term "Non-communicable disease" **(5 marks)**

 b. List five Non-communicable diseases that you know **(5 marks)**

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

2a. Discuss the preventive measures to the following Non-communicable diseases:
i.   Heart disease
ii.   Cancer
iii.   Chronic Respiratory disease
iv.   Diabetes   **(3 marks each)**

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

3. Describe the following the terms:
a. Attack rate
b. Quarantine
c. Host
d. Case fatality rate
e. Opportunistic infection   **(3 marks each)**

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

 b. Explain the following terms:
        i. Infectious agent
        ii. Reservoir
        iii. Incubation period
        iv. Carrier
v.   Vector
        vi. Routine reporting system **(1 mark each)**