



NATIONAL OPEN UNIVERSITY OF NIGERIA
University Village, Nnamdi Azikiwe Express Way, Jabi, Abuja
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF PUBLIC HEALTH SCIENCE
2021_2 EXAMINATION

COURSE TITLE: APPLIED EPIDEMIOLOGY

COURSE CODE: PHS511

CREDIT UNIT: 3 Units

TOTAL SCORE: 70 Marks

TIME ALLOWED: 2 Hours

INSTRUCTION: Answer All Questions

QUESTION 1 **20 marks**

(1a) Describe the level of awareness of people in the context of non-communicable diseases

10 marks

(1b) Non communicable diseases are not transmissible from one person to another. Based on this known fact, discuss the epidemiology of non-communicable diseases

10 marks

QUESTION 2 **20 marks**

(2a) With specific examples, describe Coronary heart disease

10 marks

(2b) Describe Diabetes Mellitus as a non-communicable disease

10 marks

QUESTION 3 **15 marks**

Describe concepts in communicable diseases under:

(3i) Aetiological agent

(3ii) Infections

(3iii) Carrier

QUESTION 4 **15 marks**

(4a) Explain "Vehicle with expired engine life" as a source of non-communicable disease.

5 marks

(4b) Write short notes on:

(i) Incidence rate

5 marks

(ii) Host

5 marks