



NATIONAL OPEN UNIVERSITY OF NIGERIA
UNIVERSITY VILLAGE, NNAMDI AZIKIWE EXPRESS WAY, JABI, ABUJA
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF PUBLIC HEALTH
2024_2 EXAMINATION

PROGRAMME: BSc. PUBLIC HEALTH
COURSE CODE: PHS511
COURSE TITLE – APPLIED EPIDEMIOLOGY
CREDIT UNITS: 2 CREDITS
TIME ALLOWED: 2 HOURS
ATTEMPT ALL QUESTIONS
SCORE = 70 MARKS

- 1a. What are predisposing factors in the context of health problems or diseases (2 marks)
- b. Explain the difference between modifiable and non-modifiable risk factors for non-communicable diseases (4 marks)
- c. Identify some modifiable risk factors associated with coronary heart disease and those associated with non-modifiable risk factors for developing cancer (6 marks)
- d. What is the significance of political will in enforcing public health laws to achieve effective control of non-communicable diseases (10 marks)
- 2a. Discuss the global impact of non-communicable diseases according to the World Health Reports (1999 to 2005), including percentages and their comparison to other causes of mortality (10 marks)
- b. Explain the significance of socio-cultural factors in the occurrence of non-communicable diseases. Buttress your point with examples (8 marks)
- c. Outline the role of occupational health in preventing non-communicable diseases. Give examples (15 marks)
- 3a. Discuss the role of the community in the prevention and control of non-communicable and chronic diseases (2 marks)
- b. Evaluate the importance of community awareness campaigns in educating the populace about the causes, effects, and prevention of non-communicable diseases (5 marks)
- c. Explain the significance of community attitudes and tolerance towards individuals affected by non-communicable diseases, particularly the mentally ill patients (8 marks)