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**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**UNIVERSITY VILLAGE, PLOT 91, CADASTRAL ZONE**  
**NNAMDI AZIKIWE EXPRESS WAY, JABI-ABUJA**  
**FACULTY OF HEALTH SCIENCES**  
**DEPARTMENT OF PUBLIC HEALTH SCIENCE**  
**2023\_1 POP EXAMINATION.**

**COURSE TITLE: Social Medicine**  
**COURSE CODE: PHS809**  
**COURSE UNITS: 2 Units**  
**TIME ALLOWED: 1<sup>1</sup>/<sub>2</sub> Hours**  
**TOTAL MARKS: 70%**  
**INSTRUCTION: Answer all the Questions**

**QUESTION 1**                      **25 MARKS**

- (a) Explain the biomedical concept of health, highlighting its limitations? (7 marks)
- (b) Discuss the burden of HIV/AIDS in Nigeria and other sub-Saharan African country based on the psychosocial concept of health/disease causation? (18 marks)

**QUESTION 2**                      **20 marks**

- (a) Describe one important observation/hypothesis in the 19<sup>th</sup>, and 20<sup>th</sup> century which contributed to the development of social epidemiology? (4 marks)
- (b) Explain the four concepts in social epidemiology? (16 marks)

**QUESTION 3**                      **25marks**

- (a) Discuss five challenges facing the health care system in Nigeria, and proffer solutions to them? (15 marks)
- (b) A 90-year-old woman presented at a local hospital with an acute respiratory problem according to her diagnostic result. She lives alone and could not provide any next of kin. She looked very sad and worried about several things. She complained about her pensions which were yet to be fully paid, unkind neighbours who were indifferent to her plight and the poor attitudes of the hospital personnel. The doctor prescribed a drug regimen to be taken 3 times a day. He was however concerned about her compliance with the treatment. Could you explain factors most likely to affect treatment compliance with respect to this patient? (10 marks)