



NATIONAL OPEN UNIVERSITY OF NIGERIA
14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS
SCHOOL OF HEALTH SCIENCES
SEPTEMBER/OCTOBER 2015 EXAMINATION

COURSE TITLE: CLINICAL, DIAGNOSTIC AND THERAPEUTIC SERVICES IN HIV/AIDS (HEM726)

CREDIT UNIT: 2

TIME: 1½ HOURS

TOTAL SCORE: 70 MARKS

INSTRUCTION: ANSWER ALL QUESTIONS.

QUESTION 1 30 marks

- Describe the HIV replication process (10 marks)
- Clearly explain the two similarities and four differences between the two major antigens of HIV with examples (10 marks)
- List ten factors that contribute to HIV spread in Nigeria? (10 marks)

QUESTION 2

- Clearly explain how you will isolate and culture HIV cell? (6 marks)
- Differentiate the types of HIV culture tests you know and their disadvantages (10 marks)
- As a health care professional, clearly show how you know that a test kit is working well. (4 marks)

QUESTION 3

- Differentiate between the two types of acquired immunity? (8 marks)
- Explain what you understand by opportunistic infections. (2 marks)
- List ten HIV and AIDS opportunistic infections you know. (5 marks; ½ mark for each correct answer)
- Explain what you understand by window period using HIV as an example. (5 marks)