



NATIONAL OPEN UNIVERSITY OF NIGERIA
University Village, Plot 91, Cadastral Zone,
Nnamdi Azikiwe Express Way, Jabi, Abuja
FACULTY OF HEALTH SCIENCES
JANUARY-MARCH 2018 EXAMINATIONS .

COURSE CODE: HEM726

COURSE TITLE: CLINICAL DIAGNOSIS AND THERAPEUTIC SERVICES OF HIV/AIDS.

COURSE UNITS: 2 CREDIT UNITS

TIME ALLOWED: 2 hours

TOTAL MARKS: 70%

INSTRUCTION: ANSWER ALL THE QUESTIONS.

Q1. a) Describe Radio-Immunoprecipitation Assay as a method in the Laboratory diagnosis of HIV infection mentioning two advantages over Western Blot technique 15marks

1b) Write short note on T4/T8 ratio indicating their diagnostic implications 5marks

1c) Write short note on economic implications of HIV/AIDS patient in Nigeria 5marks

Q2.a) Mention one benefit of HIV Rapid Testing. 1mark

b) Write short notes on the following: 12marks

(i) Entry of HIV into cells

(ii) Reverse transcription

(iii) Viral transcription

(iv) Translation

c) Write short notes on the following 6 Marks

(i) Kaposi's sarcoma

(ii) Lymphomas

(iii) Clinical manifestation of HIV/AIDS

d) Mention four possible test results of HIV Rapid testing and explain the internal and external mechanisms put in place to achieve an accurate result. 6 Marks

Q3.a i) Describe Saliva test as an alternative method of detecting HIV infection 4marks

ii) Discuss the Antiviral medication for HIV/AIDS under the following headings:

i. Groups

ii. Limitations. 4marks

b) Briefly describe the risk factors, and what and what that drive the HIV pandemic 6 Marks

c) Describe the prevalence of HIV/AIDS and its implication to a community situation in Nigeria. 6marks