

**NATIONAL OPEN UNIVERSITY OF NIGERIA**

**14/16 AHMADU BELLO WAY, VICTORIA ISLAND, LAGOS**

**SCHOOL OF SCIENCE AND TECHNOLOGY**

**JUNE/JULY EXAMINATION**

**COURSE CODE: HEM726**

**COURSE TITLE: Clinical, Diagnostic and Therapeutic Services in HIV/AIDS (2Units)**

**TIME ALLOWED:2hours**

**INSTRUCTION: There are six questions to answer four. All questions carry equal marks (17.5%)**

**each**

**Question 1**

a. What is HIV/AIDS? **(3.5marks)**

b.How does HIV replicate in human body?**(14marks)**

**Question 2**

a. What are the major causes of HIV infection? **(7 ½ marks)**

b.Listseven HIV/AIDS at risk group.**(10 marks)**

**Question 3**

a. Discuss the types of HIV culture tests you know and their disadvantages**(17.5 marks)**

**Question 4**

**a.** List the steps of HIV Life cycle**.(4marks)**

b. Discussthe two types of acquired immunity? **(13.5marks)**

**Question 5**

a. Draw and label the diagram of HIV structure. **(17.5marks)**

**Question 6**

a. What is an opportunistic infection? **(3.5marks)**

b. List the major opportunistic infections. **(15marks)**