



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**14/16 AHMADU BELLO WAY, VICTORIA ISLAND, LAGOS**  
**SCHOOL OF SCIENCE AND TECHNOLOGY**  
**MARCH/APRIL 2014 EXAMINATION**

**COURSE CODE: HEM 726**

**COURSE TITLE: CLINICAL, DIAGNOSTIC AND THERAPEUTIC SERVICES OF HIV/AIDS**

**TIME ALLOWED: 1½ HOURS**

**INSTRUCTION: ANSWER QUESTION 1 AND ANY OTHER 2 QUESTIONS.**

**QUESTION 1      Compulsory      (30 marks)**

In a tabular form, list the different types of human retroviruses and their characteristics.

**QUESTION 2**

- a. List the nine opportunistic infections you know. (10 marks)**
- b. Discuss CMV. (10 marks)**

**QUESTION 3      (20 marks)**

Draw the HIV Rapid Testing Algorithm in which the intermediate is to be followed by western blot or PCR or test repeated on second sample after 14 days.

**QUESTION 4**

- a. What is Zidovudine? (10 marks)**
- b. Draw the antiviral action of Zidovudine. (10 marks)**

