COURSE CODE: SBI 2114

COURSE TITLE: INTRODUCTION TO HIV/ AIDS

EXAM VENUE: **STREAM (DBA)**

DATE: 21/12/2015   **EXAM SESSION: 2.00 – 3.30PM**

TIME 1 ½ HOURS

Instructions:

1. **Answer Question ONE (COMPULSORY) and ANY other 2 questions**

2. **Candidates are advised not to write on the question paper**

3. **Candidates must hand in their answer booklets to the invigilator while in the examination room**

SECTION A

QUESTION ONE (Compulsory)   (30 marks)

1. Define the following: **(5mks)**

   a) Reverse transcriptase enzyme.
   b) Normal flora.
   c) Bushmeat theory
   d) Antibodies
   e) Opportunistic infections

2. Explain briefly the relationship between HIV and SIV.   **(5mks)**
3. Discuss breifly clinical ethics in HIV testing in regard to confidentiality, informed consent and result reporting to HIV   **(5mks)**
4. Write down four main stigma categories associated with HIV/AIDS patients
                                                           (5mks)
5. Outline activities compiled by HIV/AIDS Bureau for counteracting HIV/AIDS Stigma.   **(5mks)**
6. Write down fatal opportunistic infections describe their general role in HIV/AIDS**.**   **(5mks)**

SECTION B

Answer any two Questions (40 MARKS)

QUESTION TWO

Describe the following;   **(20mks)**
   a) Goals of HIV/AIDS treatment
   b) Benefits of ART treatment
   c) Limitations of ART treatment
   d) Types of ART Treatment
   e) Postexposureprophylaxis

QUESTION THREE

Explain three stages of HIV infections giving out signs and symptoms of each stage, and charateristics of HIV replication state, viremia, CD4 and CD8 count.   **(20mks)**

QUESTION FOUR

Explain factors that influence the spread of HIV/AIDS in africa
                                    (20mks).

QUESTION FIVE

Outline the following: **(20mks)**
a) methods for Detection of HIV.
b) Types of white blood cells
c) Roles of T helper cells cell(CD4 cells)
d) Types of antibodies