

## **MODULE: HIV/AIDS/STIs**

### **PART 1: MULTIPLE CHOICE QUESTIONS (MCQ)**

**(10 Marks)**

**1. HIV attaches to cells of the immune system through surface markers called:**

- a) CD4 receptor
- b) Lymph nodes
- c) Macro phases
- d) Dendritic cells

**2. Which of the following is a high risk group of HIV/AIDS/STIs**

- a) Adolescent girls
- b) Monogamous relationship
- c) Children born of HIV mothers
- d) Commercial sex workers

**3. Human immunodeficiency virus(HIV) is:-**

- a) Adenovirus
- b) Megavirus
- c) Retrovirus
- d) Paravirus

**4. Which year did ARVs become available in Kenya public sector:-**

- a) 1996
- b) 2010
- c) 2005
- d) 2003

**5. Less efficiently transmissible and rarely causing vertical transmission:-**

- a) HIV 1
- b) HIV3
- c) HIV2
- d) HIV1,2

**6. Biological Factors Influencing HIV Transmission include:-**

- a) Gender , host genetic differences
- b) Circumcision status, culture factors
- c) Gender , poverty
- d) Host genetic differences , multiple sexual partners

**7. Factors Not Associated With Risk of HIV/ AIDSTransmission:-**

- a) Saliva , unprotected sex
- b) Sneezing, presence of untreated STI
- c) Insect bites, hugging
- d) Skin contact, unscreened blood transfusion

**8. Socio-Economic Factors Facilitating HIV Transmission include:-**

- a) Cultural factors,shared facilities
- b) Social mobility, stigma
- c) People conflict, circumcision status
- d) Social mobility , host genetic differences

**9. The main HIV structure protein is :-**

- a) P17
- b) P24
- c) Gp41
- d) Gp 120

**10. Which HIV enzyme convert viral single-stranded RNA to double –stranded DNA:-**

- a) Intergrase
- b) Transcrtption
- c) Protease
- d) Reverse transcriptase

**PART 11: SHORT ANSWER QUESTIONS (SAQ)**

**(20 MARKS)**

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|---|------------------|
| 1. Outline six (6) factors leading to HIV risk among the youth in Kenya                       | <b>(6marks)</b>  |
| 2. List six (6) opportunistic infections of the HIV/AIDS                                      | <b>(3Marks)</b>  |
| 3. State the four (4) Cs in management of STIs  | <b>(4Marks)</b>  |
| 4. State three (4) advantages of Syndromic management of Sexually transmitted infection (STI) | <b>(4 Marks)</b> |

5. State four (4) Socio-Economic Factors Facilitating HIV Transmission **(4 Marks)**

**PART 111: LONG ANSWER QUESTIONS (LAQ)** **(20 MARKS)**

1. HIV is easily transmitted among college student
- a) Outline Five (5) key facts about HIV and AIDS **(5 marks)**
  - b) Explain the WHO staging of HIV **(10marks)**
  - c) State five classes of ARV **(5marks)**