Instructions:

1. Answer ALL questions in Section A and ANY other 2 questions in Section B.

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

1) Distinguish between the following
   (a) Asymptomatic infection and Symptomatic infection (2 marks)
   (b) Prevalence and Incidence (2 marks)
   (c) Endemic and Epidemic (2 marks)
   (d) Natural and Acquired immunity (4 marks)

2) Describe briefly the effects of stigma on the spread of HIV/AIDS (5 marks)
3) Describe briefly the limitations of Anti-retroviral therapy (5 marks)
4) State the functions of immunoglobins G and A (5 marks)
5) State the Methods used for diagnosis of HIV and AIDS (5 marks)

SECTION B

6) a) HIV/AIDS is more prevalent among women than men. Discuss this statement (10 marks)
   b) Explain how women can be empowered to fight HIV infection (10 marks)

7) Describe the progression of HIV/AIDS from infection stage to full blown AIDS (20 marks)

8) a) Discuss briefly the mode of action of antiretroviral drugs (8 marks)
   b) Discuss the socio-economic and cultural factors that influence the spread of HIV/AIDS in Kenya (12 marks)