



**JARAMOGI OGINGA ODINGA UNIVERSITY OF
SCIENCE AND TECHNOLOGY
SCHOOL OF HEALTH SCIENCES**

**UNIVERSITY EXAMINATION FOR DEGREE IN PUBLIC HEALTH/
COMMUNITY HEALTH AND DEVELOPMENT**

1ST YEAR 1ST SEMESTER 2013/2014 ACADEMIC YEAR

CENTER: MAIN CAMPUS

COURSE CODE: HCD 3112
COURSE TITLE: HIV AND AIDS
EXAM VENUE: STREAM: BSc. Public Health/Community Health & Devt.
DATE: 04/12/2013 EXAM SESSION: 9.00-11.00 AM

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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 (2marks)
 - (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 (5marks)

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)