



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF BUSINESS**

**UNIVERSITY EXAMINATION FOR DEGREE IN BUSINESS ADMINISTRATION
WITH INFORMATION TECHNOLOGY**

1ST YEAR 2ND SEMESTER 2018/2019 ACADEMIC YEAR

KISII CAMPUS

COURSE CODE: HCD 3112

COURSE TITLE: HIV AND AIDS

EXAM VENUE: STREAM: (BBA WITH IT)

DATE: EXAM SESSION:

TIME: 1.5 HOURS

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 Answer all questions in this section

(30 marks)

QUESTION 1.

- a) List the three stages of HIV infection: (3 marks)
- b) What is an opportunistic infection (OI)? (2 marks)
- c) What are the types of HIV tests? (3 marks)
- d) What is HIV? (2 marks)
- e) Is there a cure for HIV? (Explain your answer) (3 marks)
- f) Why is HIV testing important? (2 marks)
- g) What is an HIV/AIDS clinical trial? (2 marks)
- h) What is an investigational HIV drug? (2 marks)
- i) What is health according to the W.H.O? (3 marks)
- j) What is the relationship between HIV and Tuberculosis? (3 marks)
- k) What is a latent HIV reservoir? (3 marks)
- l) List two areas where latent HIV reservoirs are found in the body? (2 marks)

SECTION B : Answer any two Questions in this Section (40 Marks)

2. (a) Explain the Antiretroviral therapy (ART) (6 marks)

(b) If a person is having HIV and not on ART, eventually the virus will weaken the body's immune system of that person and will eventually progress to AIDS (*acquired immunodeficiency syndrome*), the late stage of HIV infection. List the nine symptoms the person is likely to experience . (9 marks)

- (c) State five factors that increase the risk of HIV infection. (5 marks)

3. (a) What is HIV transmission (2 marks)

(b) Describe six steps a person can take to protect him/herself from HIV infection. (18marks)

4. Explain **chronologically** the stages of the HIV life cycle (20 marks)

5. (a) List the six extremely rare ways of HIV transmission. (6 marks)

(b) List some of the areas of interest being studied in clinical trials. (5marks)

(c) State and explain the types of HIV tests (9marks)