



# **TECHNICAL UNIVERSITY OF MOMBASA**

***Faculty of Applied & Health Sciences***  
**DEPARTMENT OF ENVIRONMENT & HEALTH SCIENCES**

DIPLOMA IN ENVIRONMENTAL HEALTH  
(DEH 12 S )

**ACM 2113**  
**STI/HIV INTERVENTION**

**SEMESTER: END OF SEMESTER EXAMINATIONS**  
**SERIES: APRIL/MAY, 2014**  
**TIME: 2 HOURS**

**INSTRUCTIONS TO CANDIDATES:**

-Question **ONE** is **COMPULSORY**.  
-Answer any other **TWO** questions.  
This paper consists of **3 PRINTED** pages

### QUESTION ONE (COMPULSORY)

- (a) State the cause of the following sexually transmitted infections
- (i) Chancroid (1 mark)
  - (ii) Syphilis (1 mark)
- (b) List the **THREE** key factors which influence the satisfaction of a client who seeks treatment (3 mark)
- (c) Briefly explain **THREE** models of home based care for HIV/AIDS clients. (2 marks)
- (d) Establish **FOUR** purposes of physical examination to a patient with sexually transmitted Infection. (3 marks)
- (e) Identify **FOUR** guides provided to service provider by sexually transmitted infection (STI) flow chart. (4 marks)
- (f) Illustrate **FOUR** differences between syndromic STI management approach and traditional specific STI approach in management of STI. (4 marks)
- (g) Establish **FIVE** factors to consider before selection of antiretroviral regimen for treatment of HIV/AIDS client. (5 marks)
- (h) Outline **FIVE** advantages of a healthy diet in management of HIV/AIDS and other STIs. (5 marks)

### QUESTION TWO

- (a) Note the important information one should obtain when taking STI history. (5 marks)
- (b) Identify **FIVE** factors that influence the increase of sexually transmitted infections (5 marks)
- (c) Describe the guidelines of service provider should follow in questioning the client during STI history taking. (5 marks)

### QUESTION THREE

- (a) Identify **TWO** causes of urethral discharge. (2 marks)
- (b) Outline **THREE** preventive measures of ophthalmia neonatorum (3 marks)
- (c) Explain how you can treat urethral discharge following STI flow chart. (10 marks)

#### **QUESTION FOUR**

A 28 years old male has had an ulcer on the shaft of his penis for the last two weeks.

- (a) What is the diagnosis. **(1 mark)**
- (b) State **FOUR** signs and symptoms of chancroid. **(4 marks)**
- (c) Explain the treatment of both chancroid and syphilis using STI flow chart. **(10 marks)**

#### **QUESTION FIVE**

- (a) Establish the goals of Antiretroviral therapy in HIV/AIDS intervention. **(4 marks)**
- (b) Distinguish **FOUR** responsibility of the family in home based care of HIV clients. **(5 marks)**
- (c) Describe the services provided in comprehensive care centres in Kenya for HIV/AIDS. **(6 mark)**