



**TECHNICAL UNIVERSITY OF MOMBASA**  
**FACULTY OF APPLIED AND HEALTH SCIENCES**

**DEPARTMENT OF ENVIRONMENT AND HEALTH SCIENCES**  
UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE IN  
**APH 4101: HIV /AIDS AWARENES AND MANAGEMENT**  
SEMESTER EXAMINATION

MAY 2016 HOURS

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**INSTRUCTIONS TO CANDIDATES**

*This paper consists of **FIVE** questions*

*Answer question **ONE** (compulsory) and any other **TWO** questions*

*This paper consists of two **PRINTED** pages*

**QUESTION ONE**

- (a) Draw and label the structure of HIV (4 marks) **(4 marks)**
- (b) State **FOUR** modes of HIV transmission **(4 marks)**
- (c) Describe the role of nutrition in management of HIV/AIDS **(4mks)**
- (d) Explain why there is high incidence of pre-marital sex among the youth **(4mks)**
- (e) What is meant by discordant couples in relation to HIV/AIDS **(4 marks)**
- (f) What are the components of home based care of PLWHA **(5mks)**
- (g) Outline **FIVE** barriers that hinders the war against recreational drugs in Kenya **(5 marks)**

**QUESTION TWO**

Explain how the following factors make women more vulnerable to HIV/AIDS **(20 marks)**

- i. Biological factors **(10 marks)**
- ii. Economical factors **(10 marks)**

### **QUESTION THREE**

- (a) Critically discuss the ABCD method of prevention, protection and control of HIV/AIDS and STI/STDs **(12 marks)**
- (b) State **EIGHT** factors that contribute to the transmission of **HIV (8mks)**

### **QUESTION FOUR**

Although a little wine is good for the stomach, this is not the case in the context of HIV/AIDS. Describe the relationship between alcohol and HIV/AIDS **(20 marks).**

### **QUESTION FIVE**

- (a) Discuss the objectives of the HIV/AIDS Prevention and Control Act **(14marks)**
- (b) Describe any Four conditions under which an informed consent may be overlooked when carrying out an HIV test **(6 marks)**