



# Technical University of Mombasa

(A Centre of Excellence)

***Faculty of Applied and Health Sciences***

DEPARTMENT OF **ENVIRONMENT AND HEALTH SCIENCE**

DIPLOMA IN COMMUNITY HEALTH AND HIV MANAGEMENT  
(DCH 11M)

**AMP 2219 : BASIC PHARMACOLOGY**

**SPECIAL/SUPPLEMENTARY: EXAMINATIONS**

**SERIES:** February 2013

**TIME:** 2 HOURS

**INSTRUCTIONS:**

You should have the following for this paper  
- *Answer booklet*

This paper consists of **FIVE** questions.

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

*This paper consists of 2 PRINTED pages*

### **Question ONE**

- a) Briefly classify the antimalarial drug giving atleast one example for each drug **(15marks)**
- b) List advantages of parenteral route of drug administration over oral route **(15marks)**

### **Question TWO**

Define the following agents giving at least TWO examples of drugs in each

- i) Antiviral Agent
- ii) Antifungal Agents
- iii) Antiprotozoan Agents
- iv) AntiHelmintics Agent
- v) Antibacterial Agents

**(20marks)**

### **Question THREE**

- a) List FIVE mechanism of Action of antimicrobial drugs **(10marks)**
- b) List TWO main enzymes responsible for metabolism of drugs **(10marks)**

### **Question FOUR**

Briefly discuss FIVE Routes of drug excretion **(20marks)**

### **Question FIVE**

- a) Discuss the FOUR Routes of drug administration from the alimentary tract.

**(8marks)**

- b) List advantages and disadvantages of oral route **(12marks)**