



Technical University of Mombasa

Faculty of Applied and Health Sciences

DEPARTMENT OF ENVIRONMENT AND HEALTH SCIENCES

DIPLOMA IN COMMUNITY HEALTH AND HIV MANAGEMENT
(DCH 12M)

AMD 2103 : PHARMACOLOGY

SPECIAL /SUPPLEMENTARY: EXAMINATIONS

SERIES: OCTOBER 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 3 PRINTED pages

Question ONE

- a) State THREE possible factors of drugs after absorption (3marks)
- b) Name the reactions which a drug may undergo in the body (3marks)
- c) Outline the importance of drug antagonism (3marks)
- d) State FOUR advantages of enteral route of drug administration (4marks)
- e) Define the following terms
 - (a) Therapeutics (3marks)
 - (b) Pharmacotics (3marks)
 - (c) Bioavailability (3marks)
 - (d) Drug (2marks)
 - (e) Pharmacopia (3marks)

Question TWO

Discuss the methods used to prolong the duration of action of drugs (15marks)

Question THREE

Describe the factors that affect drug absorption and bioavailability following oral administration of a drug (15marks)

Question FOUR

- a) Outline clearly ways in which drugs may produce their effects (10marks)
- b) Briefly discuss any five routes of drug administration giving examples (5marks)

Question FIVE

Briefly discuss the basis of drug classification (15marks)