



Technical University of Mombasa

Faculty of Applied and Health Sciences

DEPARTMENT OF PURE AND APPLIED SCIENCES
UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF
SCIENCE IN COMMUNITY HEALTH
BSCH 13J

AMP 4301 : BASIC PHARMACOLOGY

SUPPLEMENTARY/SPECIAL : EXAMINATION

MARCH 2014 SERIES

2 HOURS

Instructions to candidates:

This paper consists of **FIVE** questions

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

QUESTION ONE

- a) Describe enteroheptic cycling of drugs (5 marks)
- b) Describe efficacy of drugs (5 marks)
- c) Briefly explain what an injection is and give 5 examples (5 marks)
- d) Describe briefly an idiosyncratic response (5 marks)
- e) How a drug sensitivity can be carried out in vitro (petridish) (5 marks)
- f) List any TEN routes of drug administration (5 marks)

QUESTION TWO

With illustration describe the graded dose effect curve.

(20 marks)

QUESTION THREE

Describe factors which may affect the action of a drug.

(20 marks)

QUESTION FOUR

Describe the pharmacokinetic drug interactions affecting drug absorption

(20 marks)

QUESTION FIVE

Describe the general mode of action of drugs for the antibacterial drugs

(20 marks)