



Technical University of Mombasa

Faculty of Applied and Health Sciences

DEPARTMENT OF ENVIRONMENT AND HEALTH SCIENCE

CERTIFICATE IN COMMUNITY HEALTH AND HIV MANAGEMENT

(CCH 12M/S)

AML 1131: INTRODUCTION TO PARASITOLOGY

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) Define the following terms :-
- (i) Mutaolism (2marks)
 - (ii) Commensalism (2marks)
 - (iii) Vector (2marks)
- b) Describe morphological features used for the identification of each of the following parasites
- (i) Kissing bugs (5marks)
 - (ii) Pediculus humans capitis (5marks)
 - (iii) Sand flies (5marks)
 - (iv) Anopheles mosquitoes. (5marks)
 - (v) Ascaries lumricoides worm (5marks)

Question TWO

- a) Describe the principle characteristics of the class insect (9marks)
- b) Discuss the various kinds of larvae of insects that undergo complete metamorphosis. (6marks)

Question THREE

Discuss reproduction as a mode of successful parasitism (15marks)

Question FOUR

Describe the morphological features of years that causes “Flea Allergy Dematitis” (15marks)

Question FIVE

- a) Describe the various methods used to control Tsetse flies populations (9marks)
- b) What are the factors that favour either parasitiasis or parasitosis (6marks)