



# Technical University of Mombasa

*Faculty of Applied and Health Sciences*

**DEPARTMENT OF ENVIRONMENT AND HEALTH SCIENCES**

CERTIFICATE IN COMMUNITY HEALTH AND HIV MANAGEMENT  
(CCH 13M)

**AML 1106 : INTRODUCTION TO PARASITOLOGY**

**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 2 PRINTED pages*

### Question ONE

- a) Define the following medical parasitology terms:
- (i) Parasitosis (2marks)
  - (ii) Vector (2marks)
  - (iii) Symbiosis (2marks)
  - (iv) Parasitic Zoonoses (2marks)
  - (v) Intermediate host (2marks)
- b) Describe the main morphological features used in the identification of the following parasites:
- (i) *Musca domestica* (4marks)
  - (ii) *Pthirus pubis* (4marks)
  - (iii) *Pediculus humans capitis* (4marks)
  - (iv) *Anopheles mosquitos* (4marks)
  - (v) *Taenia solium* (4marks)

### Question TWO

- a) What are the factors that favour parasitosis? (10marks)
- b) What is flea allergy dermatitis (5marks)

### Question THREE

- a) Describe reproduction as a mode of successful parasitism (10marks)
- b) State the importance of the flies in *Genos phlebotomus* spp. (5marks)

### Question FOUR

- a) Describe parasite classification according to time or period spent on the host. (9marks)
- b) Describe the laboratory procedure of indentifying borrowing mites: (6marks)