



# TECHNICAL UNIVERSITY OF MOMBASA

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FACULTY OF APPLIED AND HEALTH SCIENCES

DEPARTMENT OF MEDICAL SCIENCES

**UNIVERSITY EXAMINATION FOR:**

BACHELOR OF SCIENCE IN COMMUNITY HEALTH

AML 4131 : INTRODUCTION TO MEDICAL PARASITOLOGY

END OF SEMESTER EXAMINATION

**SERIES:** APRIL 2016

**TIME:** 2 HOURS

**DATE:** Pick Date May 2016

## Instructions to Candidates

You should have the following for this examination

*-Answer Booklet, examination pass and student ID*

This paper consists of **FIVE** Question(s). Attempt question ONE (Compulsory) and any other TWO questions.

**Do not write on the question paper.**

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## Paper II

### Question ONE

a). Explain the following terms as they are used in parasitology

- i. Definitive host
- ii. Endoparasite
- iii. Erratic Parasite
- iv. Intermediate host
- v. Obligate parasite

(5marks)

b). Describe the harmful effects of parasites on their definitive hosts (10marks)

c). Explain the general characteristics of medically important parasites (5marks)

d). Explain the various modes of parasite transmission in humans (5marks)

e). Describe the parasitological specimens and their points of existence (5marks)

## **Question TWO**

- a). Describe the severe infections of Toxoplasmosis infection in man ( 10 marks)
- b). Explain the control of Nematodes diseases in Kenya (10marks)

## **Question THREE**

Discuss *Ascaris lumbricoides* parasite in humans (20marks)

## **Question FOUR**

Explain the lifecycle and control of *Trpanosomiasis infection* (20marks)

## **Question FIVE**

*Describe how parasites evade immune system of the mammalian hosts (20 marks)*