



TECHNICAL UNIVERSITY OF MOMBASA

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.

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

Question THREE

Discuss *Ascarislumbricoides* 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)