



TECHNICAL UNIVERSITY OF MOMBASA

FACULTY OF APPLIED AND HEALTH SCIENCES

DEPARTMENT OF MEDICAL SCIENCES

UNIVERSITY EXAMINATION FOR:

MMPV 15S

AML 5109: Advanced Medical Protozoology

END OF SEMESTER EXAMINATION

SERIES: APRIL 2016

TIME: 3 HOURS

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 Questions**. Attempt **ALL** questions.

Do not write on the question paper.

Question ONE:

Explain in detail the exo-erythrocytic and erythrocytic cycle of malaria infection (20 marks)

Question TWO:

Describe the pathogenesis of parasitic protozoa frequently found in immuno-compromized individuals (20 marks)

Question THREE:

Describe in detail the morphological features, locomotion and reproductive processes of protozoan parasites (20 marks)

Question FOUR:

Discuss in detail the epidemiology, life cycle, pathology and laboratory diagnosis of African Trypanosomiasis (20 Marks)

Question FIVE:

Explain the pertinent clinical syndrome of *Leishmania donovani* and the different methods of diagnosis (20 marks)