



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: August 2016

TIME: 3 HOURS

DATE: August 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 **three questions**.

Do not write on the question paper.

Question ONE:

Describe the classification of protozoan parasites affecting humans (20 marks)

Question TWO:

Discuss other Amoeba (*Entamoeba coli*) inhabiting the alimentary canal and tabulate the difference between *E. coli* and *E. histolytica* (20 marks)

Question THREE:

Explain in detail the life cycle of American Trypanosomiasis (Chaga's disease) and the various methods of diagnosis (20 marks)

Question FOUR:

Explain the epidemiological endemicity of malaria infections and the general pathogenesis of the disease (20 Marks)

Question FIVE:

Describe the life cycle, pathology and diagnosis of *Toxoplasma gondii* infection of humans (20 marks)